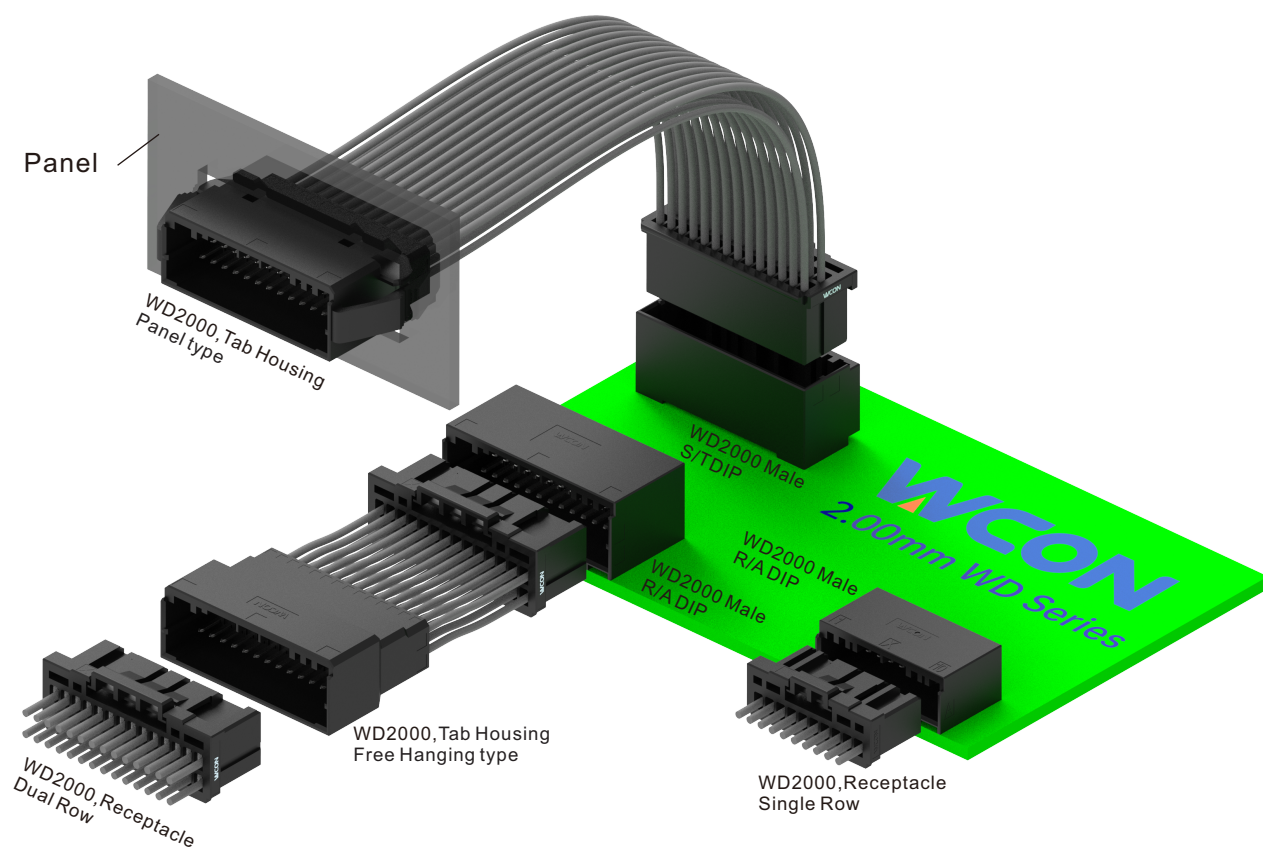


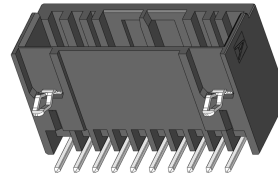
Board-Mounting
S/T DIP:Vertical T/H
R/A DIP:Horizontal T/H





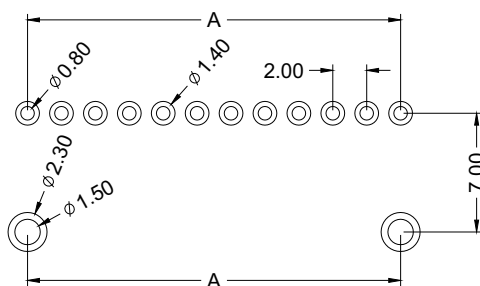
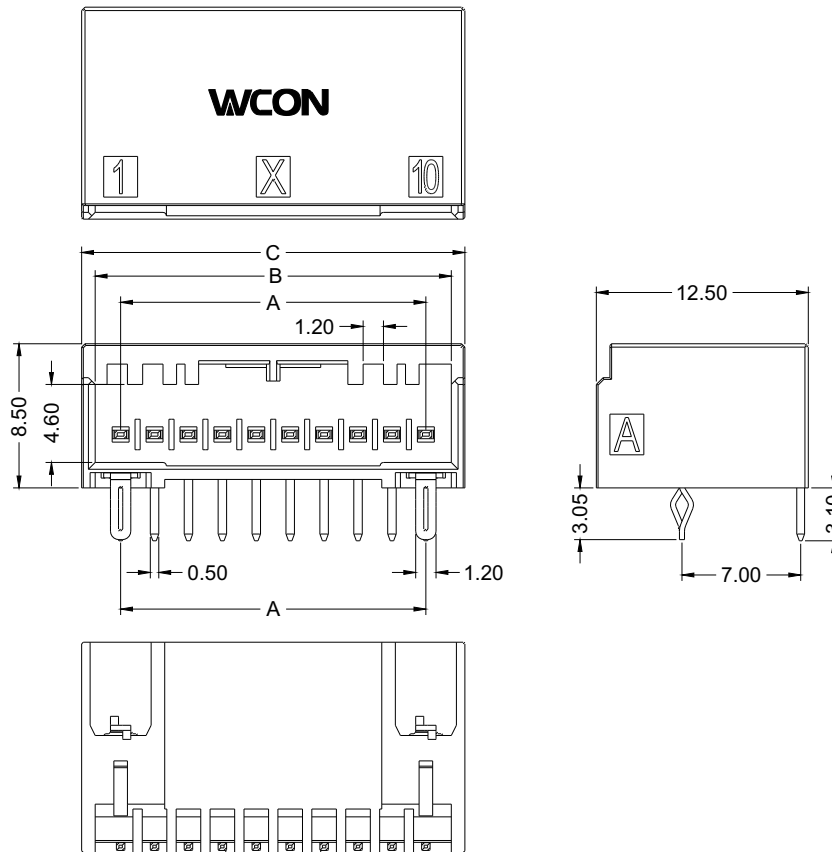
SPECIFICATIONS

Current Rating: 3.0 AMP
 Contact Resistance: 20mΩ Max
 Insulation Resistance: 100MΩ Min
 Withstand Voltage: 1000V AC/Minute
 Operation Temperature: -40°C to +125°C
 Contact Material: Copper Alloy
 Contact Plating: Sn or Au Over Ni
 Insulator Material: Polyester (UL94V-0)
 Standard: LCP+33%G.F
 Type: T



WD2000-1WR10W4BT01W

WD2000 - 1	<u>WR</u>	<u>XX</u>	<u>W4</u>	<u>B</u>	<u>T</u>	<u>0</u>	<u>1</u>	<u>W</u>
	Board-Mounting WR: R/A DIP	Positions 4, 8, 10	Contact plating area W4=15u"Au/Matte Tin	Color B: Black R: Red T: Natural Y: Yellow	Packaging T: Tube	Insulator Material 0=LCP 1=PA9T 2=PBT	Key Code 1=X Code 2=Y Code	W: W/ Logo Blank: W/O Logo



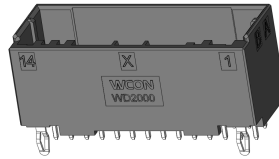
Recommended P.C.B Layout

Pos	A	B	C	X Code	Y Code
10	18.0	21.0	22.6	✓	
8	14.0	17.0	18.6	✓	
4	6.0	9.0	10.6	✓	

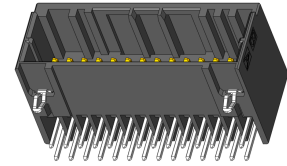


SPECIFICATIONS

Current Rating: 3.0 AMP
 Contact Resistance: 20mΩ Max
 Insulation Resistance: 100MΩ Min
 Withstand Voltage: 1000V AC/Minute
 Operation Temperature: -40°C to +125°C
 Contact Material: Copper Alloy
 Contact Plating: Sn or Au Over Ni
 Insulator Material: Polyester (UL94V-0)
 Standard: LCP+33%G.F
 Type: T



WD2000-2WS10W4BT01W



WD2000-2WR10W4BT01W

WD2000 - 2

WS

Board-Mounting
 WS: S/T DIP
 WR: R/A DIP

XX

Positions
 10, 18, 20, 22,
 24, 26, 28, 30,
 32, 34, 40

W4

Contact plating area
 W4=15u"Au/Matte Tin

B

Color
 B: Black
 R: Red
 T: Natural
 Y: Yellow

T

Packaging
 T: Tube

0

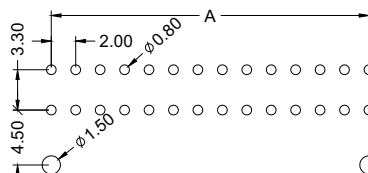
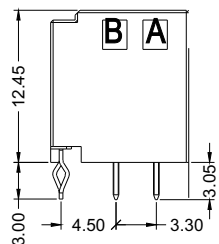
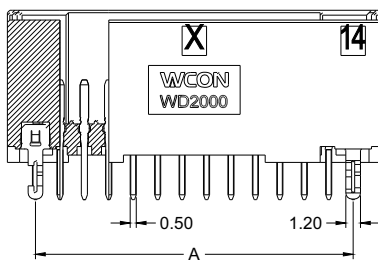
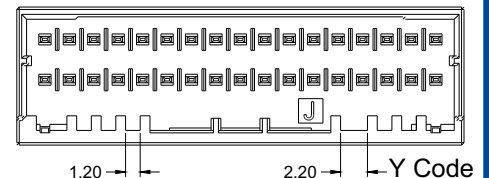
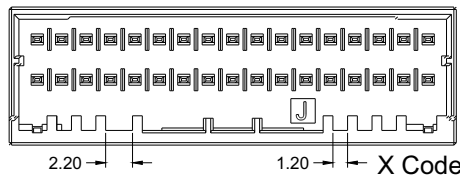
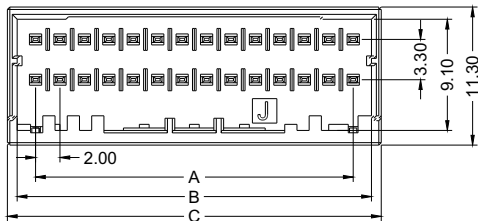
Insulator
 Material
 0=LCP
 1=PA9T
 2=PBT

1

Key Code
 1=X Code
 2=Y Code

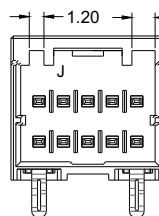
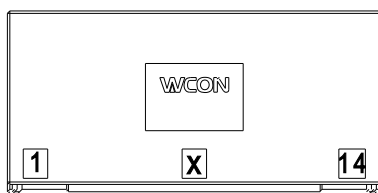
W

W: W/ Logo
 Blank: W/O Logo

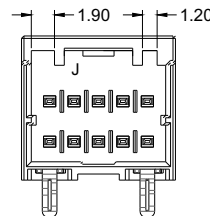


Recommended P.C.B Layout

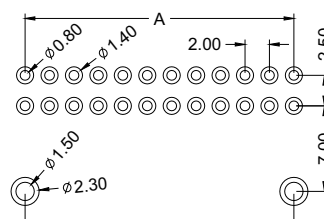
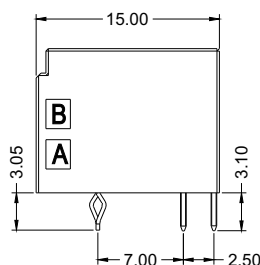
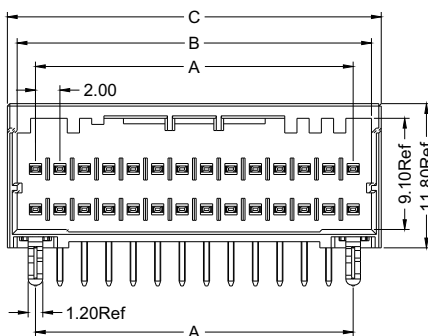
Pos	A	B	C	X Code	Y Code
40	38.0	41.0	42.6	✓	
34	32.0	35.0	36.6	✓	
32	30.0	33.0	34.6		
30	28.0	31.0	32.6		
28	26.0	29.0	30.6	✓	
26	24.0	27.0	28.6	✓	
24	22.0	25.0	26.6	✓	
22	20.0	23.0	24.6	✓	
20	18.0	21.0	22.6		
18	16.0	19.0	20.6		
10	8.0	11.0	12.6	✓	



X Code



Y Code



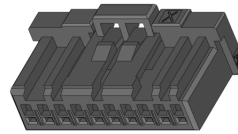
Recommended P.C.B Layout

Pos	A	B	C	X Code	Y Code
40	38.0	41.0	42.6	✓	
34	32.0	35.0	36.6	✓	
30	28.0	31.0	32.6	✓	
28	26.0	29.0	30.6	✓	
26	24.0	27.0	28.6	✓	
20	18.0	21.0	22.6	✓	
10	8.0	11.0	12.6	✓	

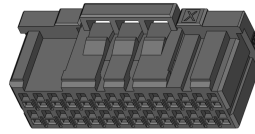


SPECIFICATIONS

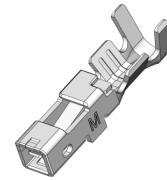
Current Rating: 3.0 AMP
Contact Resistance: 20mΩ Max
Insulation Resistance: 100MΩ Min
Withstand Voltage: 1000V AC/Minute
Operation Temperature: -40°C to +125°C
Contact Material: Copper Alloy
Contact Plating: Sn or Au Over Ni
Insulator Material: Polyester (UL94V-0)
Standard: PBT+G.F
Type: T



WD2000-1H10B001W

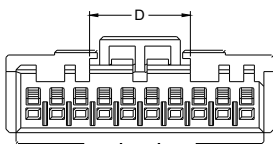
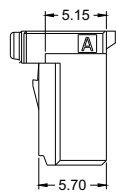
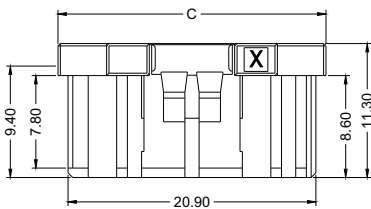
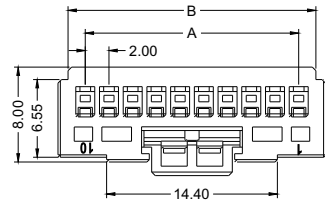


WD2000-2H10B001W

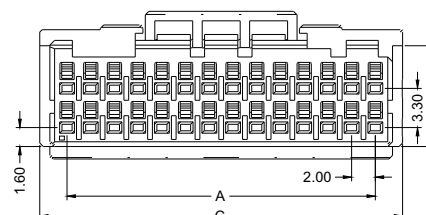
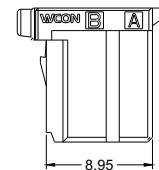
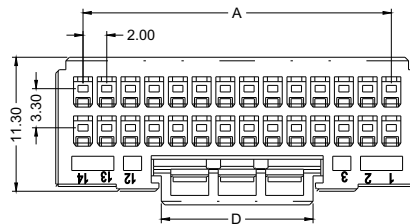


WD3500-3TP18S401

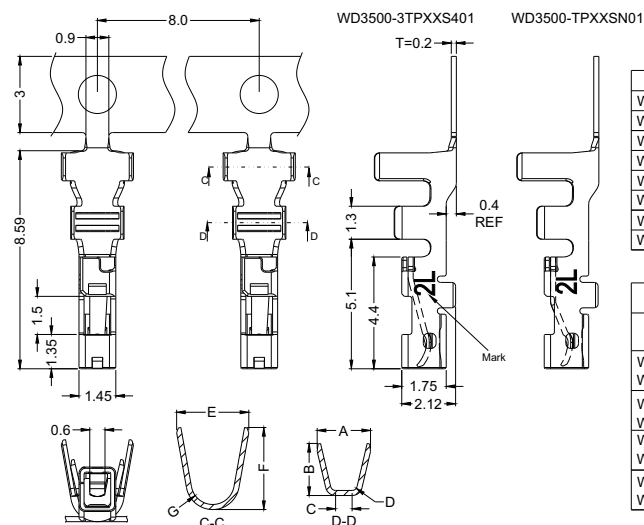
WD2000 -	1	H	XX	B	0	01	W
	Row 1: Single Row 2: Dual Row		Positions 4, 8, 10 (Single Row) 10, 18, 20, 22, 24, 26, 28, 30, 32, 34, 40 (Dual Row)	Color B: Black R: Red T: Natural Y: Yellow	Packaging 0: PE Bag	Key Code 01=X Code 02=Y Code	W: W/ Logo Blank: W/O Logo



Pos	A	B	C	D	X Code	Y Code
10	18.0	20.9	22.6	8.5	✓	
8	14.0	16.9	18.6	8.5		
4	6.0	8.9	10.6	7.7		



Pos	A	B	C	D	X Code	Y Code
40	38.00	40.90	42.60	12.80	✓	
34	32.00	34.90	36.60	12.80	✓	
32	30.00	32.90	34.60	12.80		
30	28.00	30.90	32.60	12.80		
28	26.00	28.90	30.60	12.80		
26	24.00	26.90	28.60	12.80	✓	
24	22.00	24.90	26.60	6.80	✓	
22	20.00	22.90	24.60	12.80		
20	18.00	20.90	22.60	6.80	✓	
18	16.00	18.90	20.60	8.10		
10	8.00	10.90	12.60	3.60	✓	



Part NO.	Mark	A	B	C	D	E	F	G
WD3500-3TP18S401	2L	2.1	2.05	0.65	0.2	2.84	3.23	1.7
WD3500-TP18SN01								
WD3500-3TP22S401	L	1.86	1.52	0.3	0.2	2.84	3.23	1.7
WD3500-TP22SN01								
WD3500-3TP28S401	M	1.86	1.52	0.3	0.2	2.2	2.7	1.1
WD3500-TP28SN01								
WD3500-3TP30S401	S	1.5	1.0	0.3	0.2	2.2	2.5	1.1
WD3500-TP30SN01								

Crimping size of wire terminals for reference						
Part NO.	Mark	Wire Size (AWG)	Required Crimping Size at Wire Barrel Width(+/-0.05mm)	Required Crimping Size at Wire Barrel Height(+/-0.05mm)	Required Crimping Size at Insulation Barrel Width(+/-0.05mm)	Required Crimping Size at Insulation Barrel Height(+/-0.05mm)
WD3500-3TP18S401	2L	18AWG	1.50	0.95	2.10 MAX	1.85 MAX
WD3500-TP18SN01		22AWG	1.35	0.78	1.55 MAX	1.80 MAX
WD3500-3TP22S401	L	22AWG	1.35	0.78	1.55 MAX	1.80 MAX
WD3500-TP22SN01		24AWG	1.30	0.70	1.55 MAX	1.70 MAX
WD3500-3TP28S401	M	26AWG	1.25	0.60	1.35 MAX	1.70 MAX
WD3500-TP28SN01		28AWG	1.25	0.55	1.35 MAX	1.70 MAX
WD3500-3TP30S401	S	28AWG	1.25	0.55	1.35 MAX	1.70 MAX
WD3500-TP30SN01		30AWG	1.25	0.50	1.35 MAX	1.70 MAX

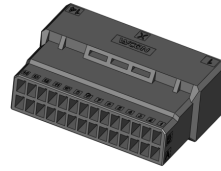
TERMINAL :

Material: Phosphor Bronze
Contact Plating: Sn Over Ni
Insulation O.D.: 0.6~2.2mm (Max.)
Wire Range: AWG#18~#30

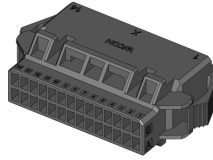


SPECIFICATIONS

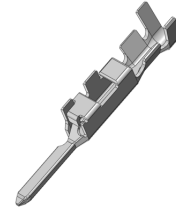
Current Rating: 3.0 AMP
 Contact Resistance: 20mΩ Max
 Insulation Resistance: 100MΩ Min
 Withstand Voltage: 1000V AC/Minute
 Operation Temperature: -40°C to +125°C
 Contact Material: Copper Alloy
 Contact Plating: Sn or Au Over Ni
 Insulator Material: Polyester (UL94V-0)
 Standard: PBT+G.F
 Type: T



WD2000-2HK11B001W



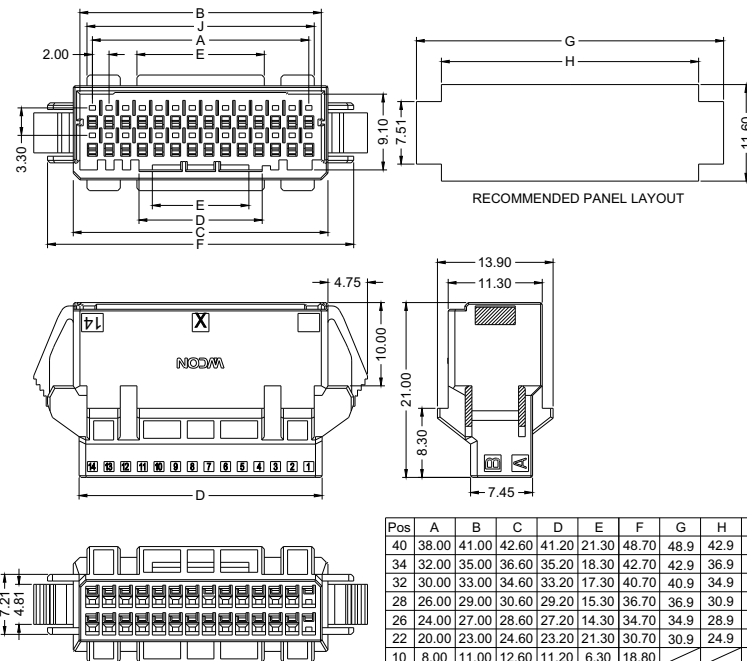
WD2000-2HG11B001W



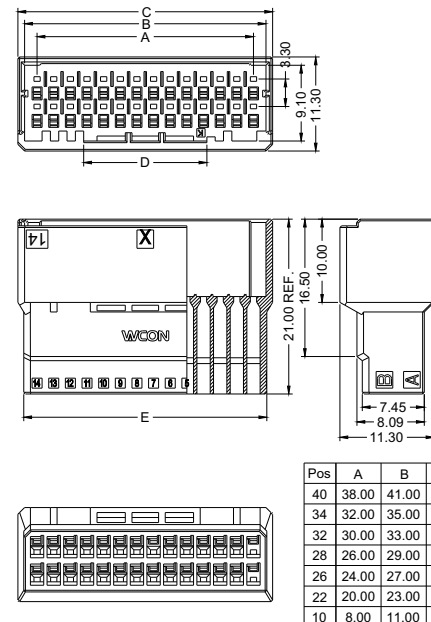
WD3500-MTP18S401

WD2000 -	2	H	K	XX	B	0	01	W
			K:Type-K G:Type-G	Positions 10,22,26,28, 32,34,40	Color B:Black R:Red T:Natural Y:Yellow	Packaging 0:PE Bag	Key Code 01=X Code 02=Y Code	W:W/ Logo Blank:W/O Logo

WD2000-2HG11B001W

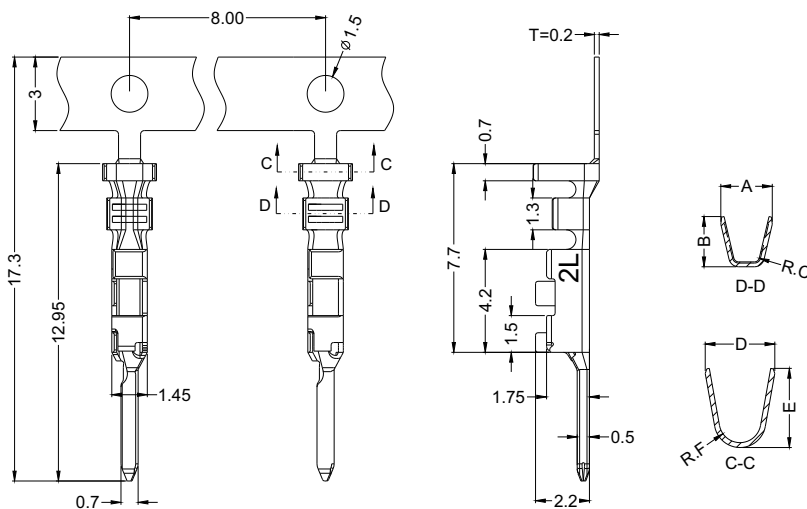


WD2000-2HK11B001W



TERMINAL :

Meaterial:Phosphor Bronze
 Contact Plating:Sn Over Ni
 Insulation O.D.:0.80~3.40mm (Max.)
 Wire Range:AWG#18~#22

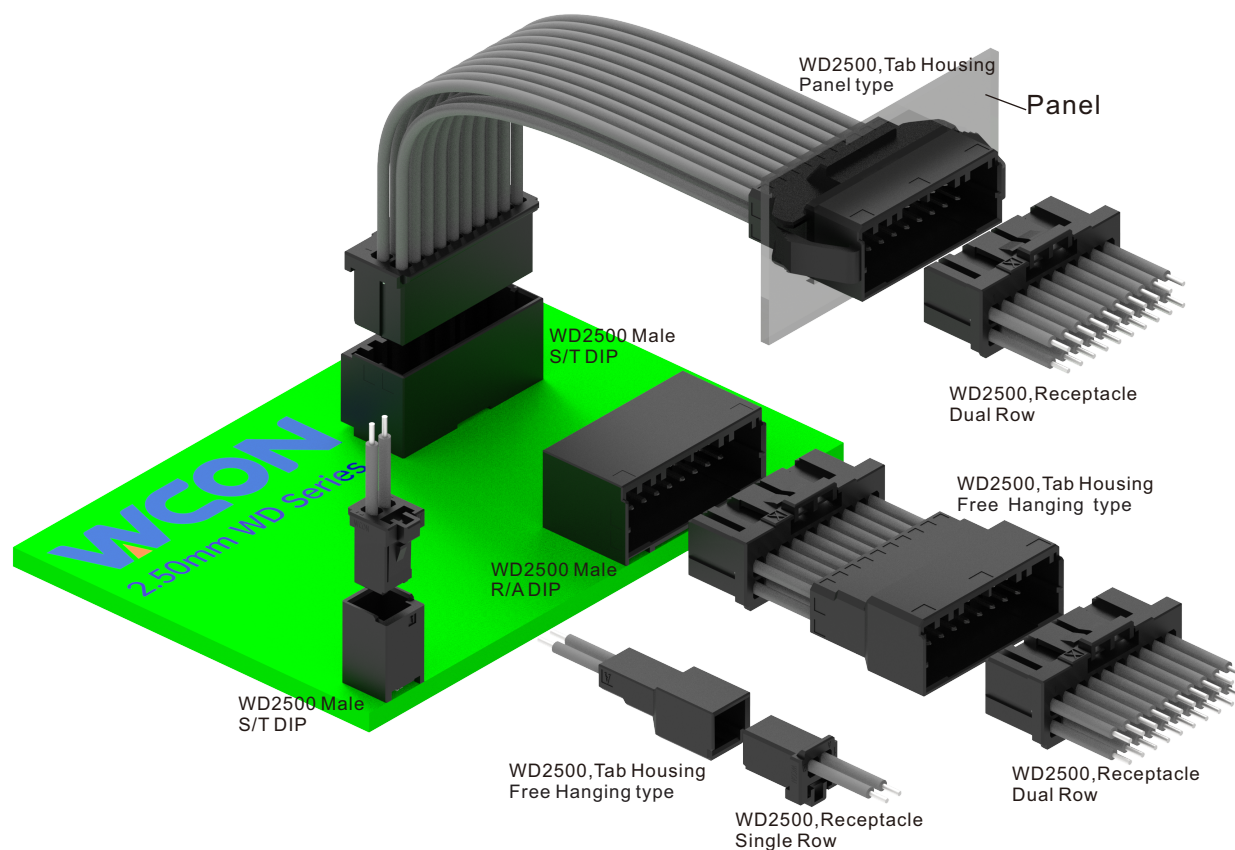


Part NO.	Mark	A	B	C	D	E	F
WD3500-MTP18XX01	2L	2.1	2.05	0.2	2.84	3.23	0.85
WD3500-MTP22XX01	L	1.86	1.52	0.2	2.84	3.23	0.85
WD3500-MTP28XX01	M	1.86	1.52	0.2	2.2	2.7	0.55
WD3500-MTP30XX01	S	1.5	1.0	0.2	2.2	2.5	0.55

Board-Mounting

S/T DIP:Vertical T/H

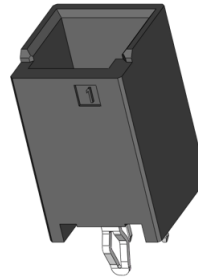
R/A DIP:Horizontal T/H





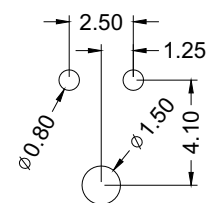
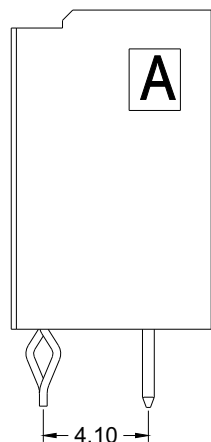
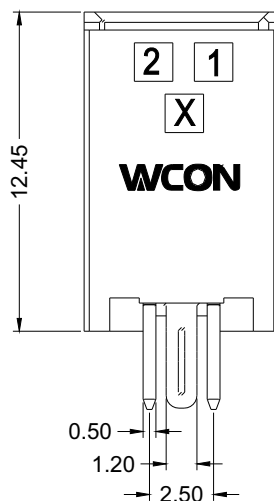
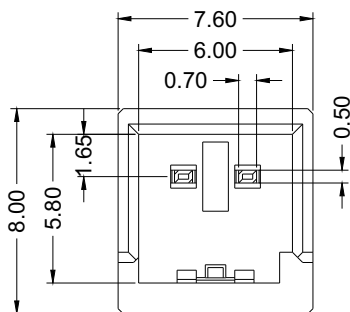
SPECIFICATIONS

Current Rating: 5.0 AMP
 Contact Resistance: 20mΩ Max
 Insulation Resistance: 100MΩ Min
 Withstand Voltage: 1500V AC/Minute
 Operation Temperature: -40°C to +125°C
 Contact Material: Copper Alloy
 Contact Plating: Sn or Au Over Ni
 Insulator Material: Polyester (UL94V-0)
 Standard: LCP+33%G.F
 Type: T



WD2500-1WS02W4BT01W

WD2500 - 1	WS	XX	W4	B	T	0	1	W
	Board-Mounting WS: S/T DIP	Positions 2	Contact plating area W4=15u"Au/Matte Tin	Color B: Black R: Red T: Natural Y: Yellow	Packaging T: Tube	Insulator Material 0=LCP 1=PA9T 2=PBT	Key Code 1=X Code	W: W/ Logo Blank: W/O Logo

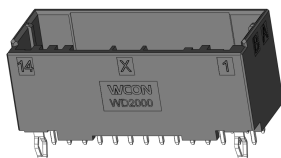


Recommended P.C.B Layout

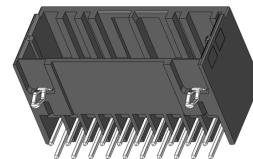


SPECIFICATIONS

Current Rating: 5.0 AMP
 Contact Resistance: 20mΩ Max
 Insulation Resistance: 100MΩ Min
 Withstand Voltage: 1500V AC/Minute
 Operation Temperature: -40°C to +125°C
 Contact Material: Copper Alloy
 Contact Plating: Sn or Au Over Ni
 Insulator Material: Polyester (UL94V-0)
 Standard: LCP+33%G.F
 Type: T



WD2500-2WS10W4BT01W



WD2500-2WR10W4BT01W

WD2500 - 2

WS

Board-Mounting
 WS: S/T DIP
 WR: R/A DIP

XX

Positions
 4, 6, 8, 10, 12,
 16, 20

W4

Contact plating area
 W4=15u"Au/Matte Tin

B

Color
 B: Black
 R: Red
 T: Natural
 Y: Yellow

T

Packaging
 T: Tube

0

Insulator
 Material
 0=LCP
 1=PA9T
 2=PBT

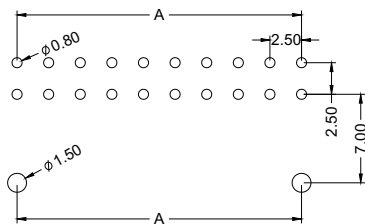
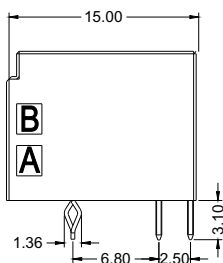
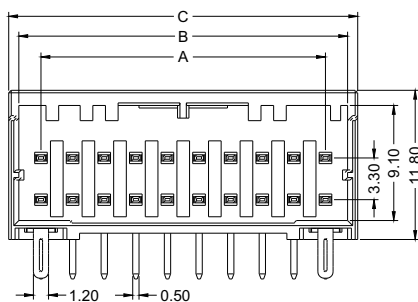
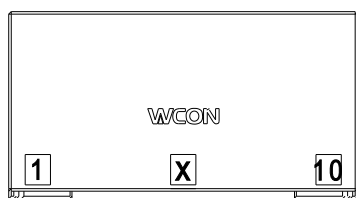
1

Key Code
 1=X Code
 2=Y Code

W

W: W/ Logo
 Blank: W/O Logo

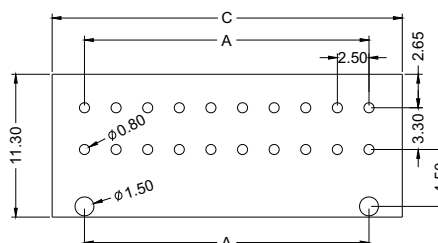
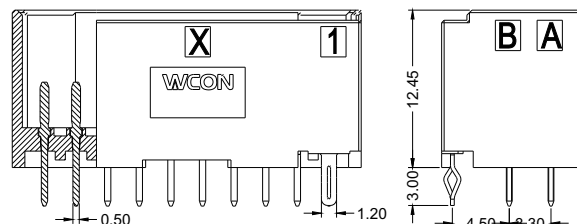
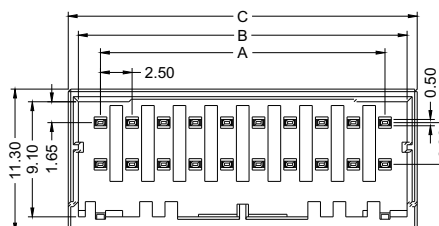
WD2500-2WRXXXXBT01X



Recommended P.C.B Layout

Pos	A	B	C	X Code	Y Code
20	22.5	26.0	27.6	✓	
12	12.5	16.0	17.6	✓	
8	7.5	11.0	12.6	✓	
6	5.0	8.5	10.1	✓	
4	2.5	6.0	7.6	✓	

WD2500-2WSXXXXBTXX(W)



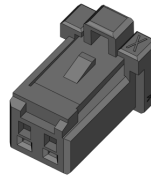
Recommended P.C.B Layout

Pos	A	B	C	X Code	Y Code
20	22.5	26.0	27.6	✓	
16	17.5	21.0	22.6	✓	
12	12.5	16.0	17.6	✓	
10	10.0	13.5	15.1	✓	
8	7.5	11.0	12.6	✓	
6	5.0	8.5	10.1	✓	
4	2.5	6.0	7.6	✓	

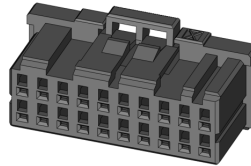


SPECIFICATIONS

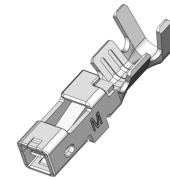
Current Rating: 5.0 AMP
 Contact Resistance: 20mΩ Max
 Insulation Resistance: 100MΩ Min
 Withstand Voltage: 1500V AC/Minute
 Operation Temperature: -40°C to +125°C
 Contact Material: Copper Alloy
 Contact Plating: Sn or Au Over Ni
 Insulator Material: Polyester (UL94V-0)
 Standard: PBT+G.F
 Type: T



WD2500-1H02B001W

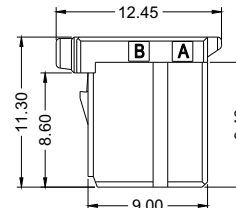
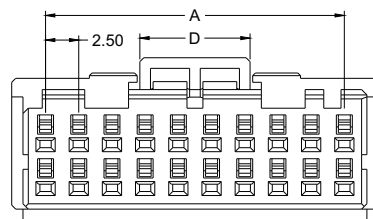
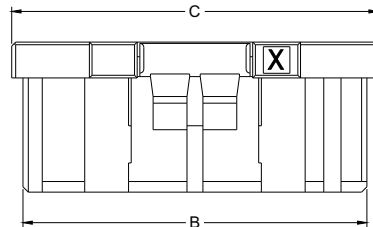
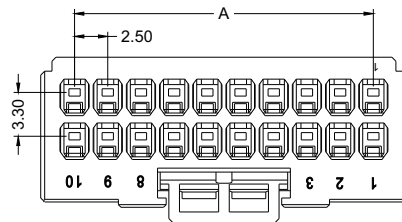
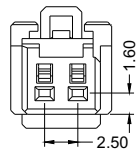
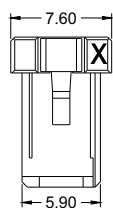
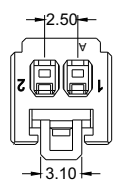


WD2500-2H10B001W

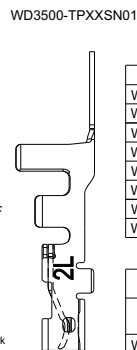
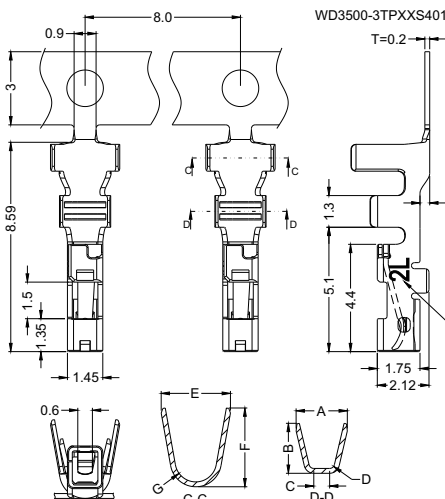


WD3500-3TP18S401

WD2500 -	<u>1</u>	<u>H</u>	<u>XX</u>	<u>B</u>	<u>0</u>	<u>01</u>	<u>W</u>
	Row 1: Single Row 2: Dual Row		Positions 2 (Single Row) 4, 6, 8, 10, 12, 16, 20 (Dual Row)	Color B: Black R: Red T: Natural Y: Yellow	Packaging 0: PE Bag	Key Code 01=X Code 02=Y Code	W: W/ Logo Blank: W/O Logo



Pos	A	B	C	D	X Code	Y Code
20	22.5	25.9	27.6	8.30	✓	
16	17.5	20.9	22.6	8.30	✓	
12	12.5	15.9	17.6	8.30	✓	
10	10.0	13.4	15.1	3.30	✓	
8	7.50	10.9	12.6	3.30	✓	
6	5.00	8.40	10.1	3.30	✓	
4	2.50	5.90	7.60	3.10	✓	



Part NO.	Mark	A	B	C	D	E	F	G
WD3500-3TP18S401	2L	2.1	2.05	0.65	0.2	2.84	3.23	1.7
WD3500-TP18SN01								
WD3500-3TP22S401	L	1.86	1.52	0.3	0.2	2.84	3.23	1.7
WD3500-TP22SN01								
WD3500-3TP28S401	M	1.86	1.52	0.3	0.2	2.2	2.7	1.1
WD3500-TP28SN01								
WD3500-3TP30S401	S	1.5	1.0	0.3	0.2	2.2	2.5	1.1
WD3500-TP30SN01								

Crimping size of wire terminals for reference					
Part NO.	Mark	Wire Size (AWG)	Required Crimping Size at Wire Barrel Width(±0.05mm)	Required Crimping Size at Wire Barrel Height(±0.05mm)	Required Crimping Size at Insulation Barrel Width(±0.05mm)
WD3500-3TP18S401	2L	18AWG	1.50	0.95	2.10 MAX
WD3500-TP18SN01		22AWG	1.35	0.78	1.55 MAX
WD3500-3TP22S401	L	24AWG	1.30	0.70	1.55 MAX
WD3500-TP22SN01		26AWG	1.25	0.60	1.35 MAX
WD3500-3TP28S401	M	28AWG	1.25	0.55	1.35 MAX
WD3500-TP28SN01		30AWG	1.25	0.50	1.35 MAX
WD3500-3TP30S401	S	28AWG	1.25	0.55	1.35 MAX
WD3500-TP30SN01		30AWG	1.25	0.50	1.35 MAX

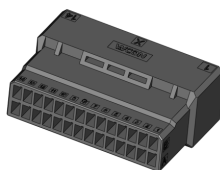
TERMINAL :

Material: Phosphor Bronze
 Contact Plating: Sn Over Ni
 Insulation O.D.: 0.6~2.2mm (Max.)
 Wire Range: AWG#18~#30

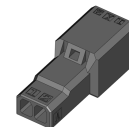


SPECIFICATIONS

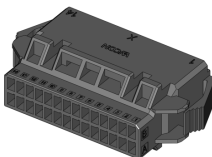
Current Rating: 5.0 AMP
Contact Resistance: 20mΩ Max
Insulation Resistance: 100MΩ Min
Withstand Voltage: 1500V AC/Minute
Operation Temperature: -40°C to +125°C
Contact Material: Copper Alloy
Contact Plating: Sn or Au Over Ni
Insulator Material: Polyester (UL94V-0)
Standard: PBT+G.F
Type: T



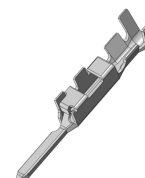
WD2500-2HK10B001W



WD2500-1HK02B001W

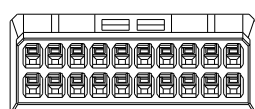
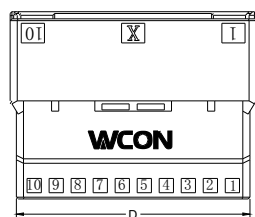
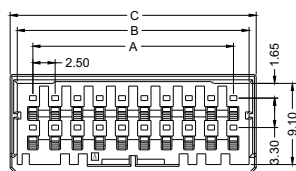


WD2500-2HG10B001W

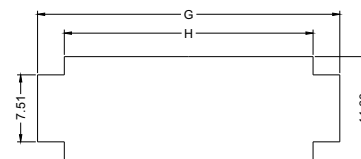
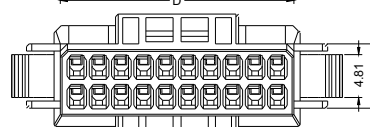
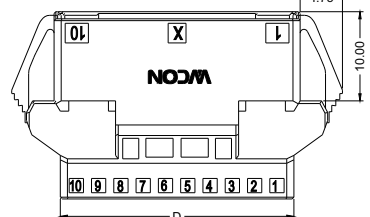
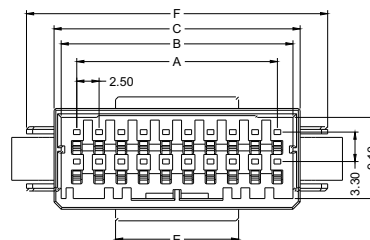


WD3500-MTP18S401

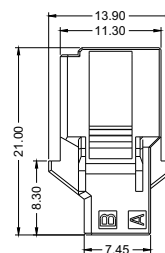
WD2500 -	<u>2</u>	<u>H</u>	<u>K</u>	<u>XX</u>	<u>B</u>	<u>0</u>	<u>01</u>	<u>W</u>
	Row 2: Dual Row		K: Type-K G: Type-G	Positions 4, 6, 8, 10, 12, 16, 20	Color B: Black R: Red T: Natural Y: Yellow	Packaging 0: PE Bag	Key Code 01=X Code 02=Y Code	W: W/ Logo Blank: W/O Logo



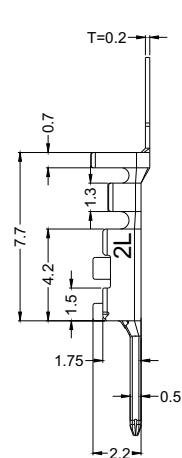
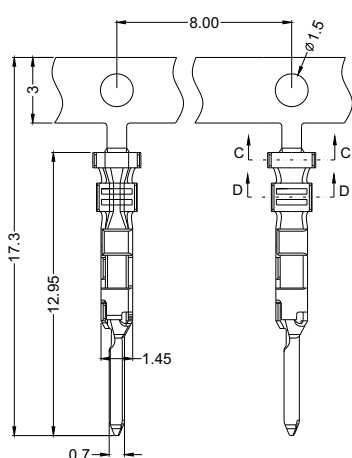
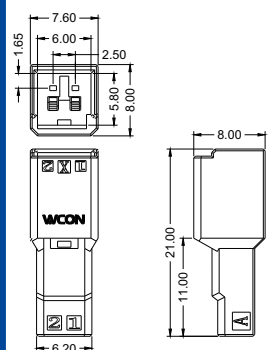
Pos.	A	B	C	D	X Code	Y Code
20	22.5	26.0	27.6	26.2	✓	
12	12.5	16.0	17.6	16.2	✓	
8	7.5	11.0	12.6	11.2	✓	
6	5.0	8.5	10.1	8.7	✓	
4	2.5	6.0	7.6	6.2	✓	



RECOMMENDED PANEL LAYOUT

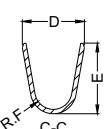
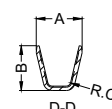


Pos.	A	B	C	D	E	F	G	H	X Code	Y Code
20	22.5	26.0	27.6	26.2	13.80	33.78	33.9	27.9	✓	
12	12.5	16.0	17.6	16.2	8.80	23.78	23.9	17.9		
8	7.5	11.0	12.6	11.2	6.30	18.78	18.9	12.9		
6	5.0	8.5	10.1	8.7	5.05	16.28	16.4	10.4		
4	2.5	6.0	7.6	6.2	3.80	13.78	13.9	7.9	✓	



TERMINAL:

Material: Phosphor Bronze
Contact Plating: Sn Over Ni
Insulation O.D.: 0.60~1.90mm (Max.)
Wire Range: AWG#18~#30

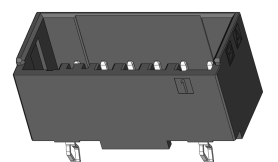


Part NO.	Mark	A	B	C	D	E	F
WD3500-MTP18XX01	2L	2.1	2.05	0.2	2.84	3.23	0.85
WD3500-MTP22XX01	L	1.86	1.52	0.2	2.84	3.23	0.85
WD3500-MTP28XX01	M	1.86	1.52	0.2	2.2	2.7	0.55
WD3500-MTP30XX01	S	1.5	1.0	0.2	2.2	2.5	0.55

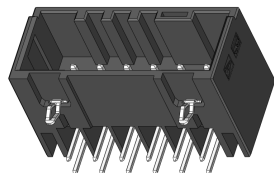


SPECIFICATIONS

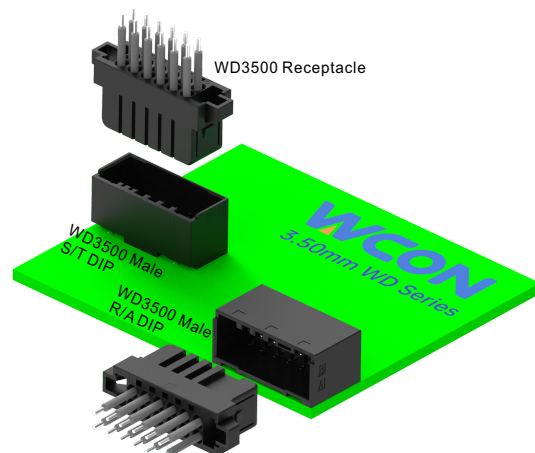
Current Rating: 5.0 AMP
Contact Resistance: 20mΩ Max
Insulation Resistance: 100MΩ Min
Withstand Voltage: 1500V AC/Minute
Operation Temperature: -40°C to +125°C
Contact Material: Copper Alloy
Contact Plating: Sn or Au Over Ni
Insulator Material: Polyester (UL94V-0)
Standard: LCP+33%G.F
Type: T



WD3500-2WS11W4BT01W



WD3500-2WR11W4BT01W



WD3500 - 2

WS

Board-Mounting
WS: S/T DIP
WR: R/A DIP

XX

Positions
8, 12, 16, 22,
30, 38

W4

Contact plating area
W4=15u"Au/Matte Tin

B

Color
B: Black

T

Packaging
T: Tube

0

Insulator
Material
0=LCP
1=PA9T
2=PBT

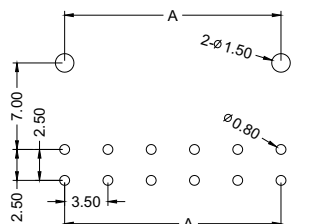
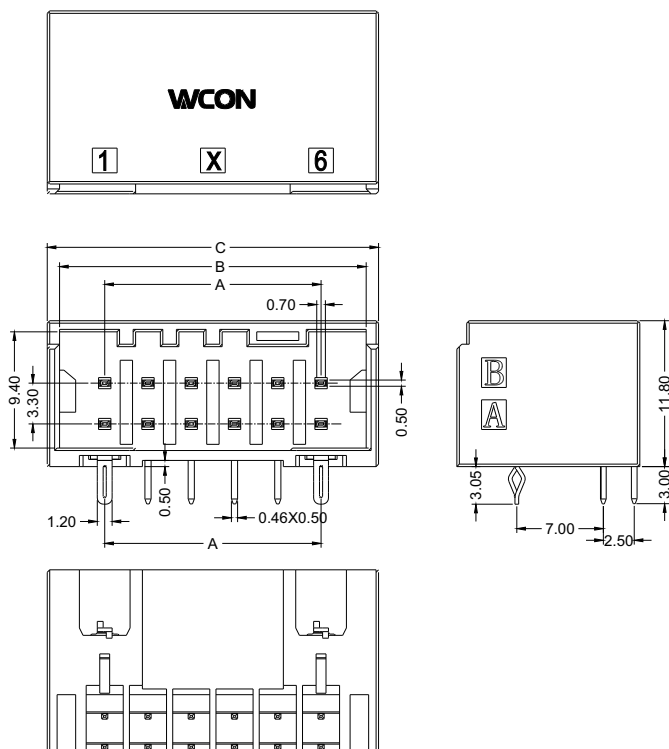
1

Key Code
1=X Code
2=Y Code

W

W: W/ Logo
Blank: W/O Logo

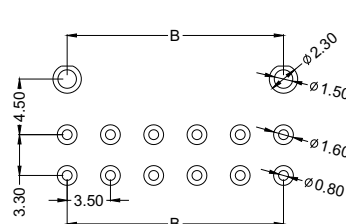
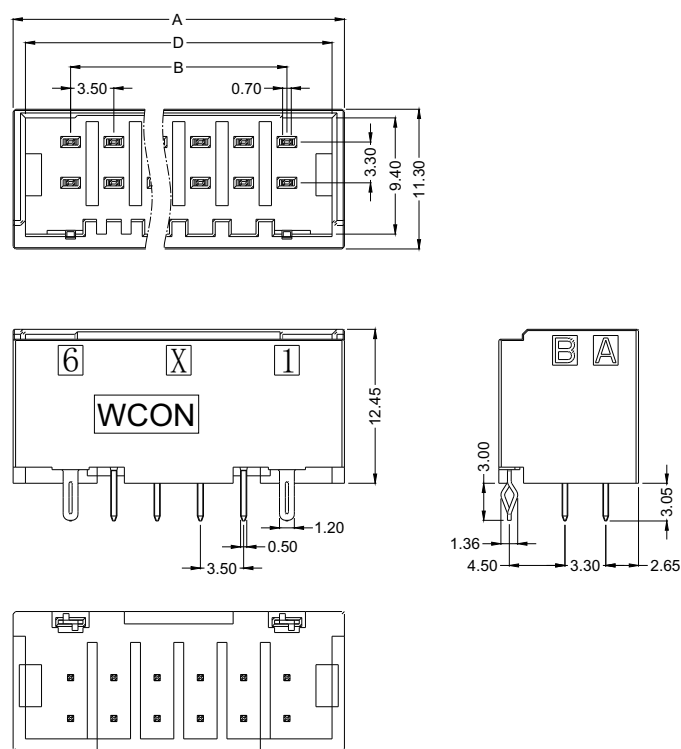
WD3500-2WR11W4BT01W



Recommended P.C.B Layout

Pos	A	B	C	X Code	Y Code
8	10.5	17.8	19.8	✓	
12	17.5	24.8	26.8	✓	
16	24.5	31.8	33.8		
22	35.0	42.3	44.3		
30	49.0	56.3	58.3		
38	63.0	70.3	72.3	✓	

WD3500-2WS11W4BT01W



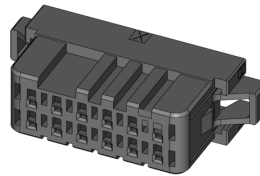
RECOMMEND P.C.B

Pos	A	B	C	X Code	X Code
8	19.8	10.5	10.5	✓	
12	26.8	17.5	17.5	✓	
22	44.3	35.0	35.0		

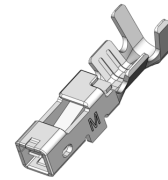


SPECIFICATIONS

Current Rating: 5.0 AMP
Contact Resistance: 20mΩ Max
Insulation Resistance: 100MΩ Min
Withstand Voltage: 1500V AC/Minute
Operation Temperature: -40°C to +125°C
Contact Material: Copper Alloy
Contact Plating: Sn or Au Over Ni
Insulator Material: Polyester (UL94V-0)
Standard: PBT+G.F
Type: T

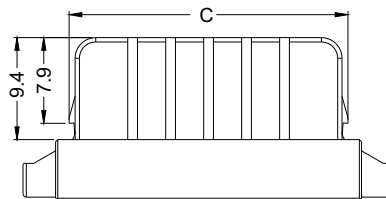
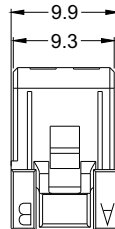
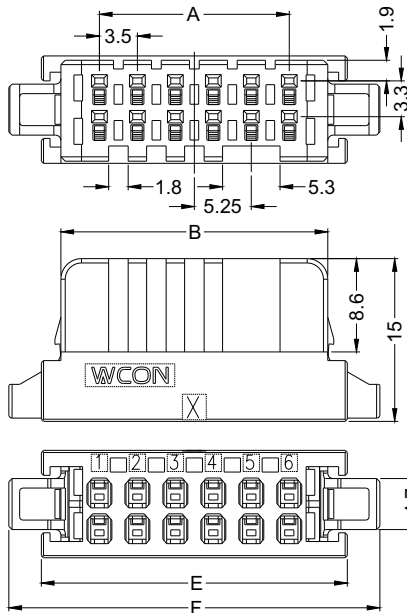


WD3500-2HXXB001W

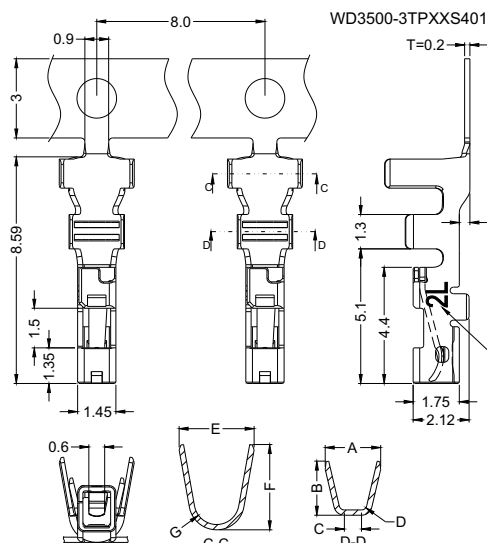


WD3500-3TP18S401

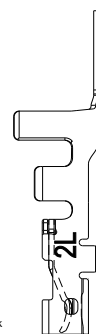
WD3500 -	<u>2</u>	<u>H</u>	<u>XX</u>	<u>B</u>	<u>0</u>	<u>01</u>	<u>W</u>
	Row		Positions	Color	Packaging	Key Code	W:W/ Logo
	2: Dual Row		8, 12, 16, 22, 30, 38	B: Black	0: PE Bag	01=X Code 02=Y Code	Blank: W/O Logo



Pos.	A	B	C	E	F	G	X Code	Y Code
8	10.5	17.6	18.7	21.2	27.2	1.75	✓	
12	14.5	24.6	25.7	28.2	34.2	5.25	✓	
16	24.5	31.6	32.7	35.2	41.2	8.75		
22	35.0	42.1	43.2	45.7	51.7	14.0		
30	49.0	56.1	57.2	59.7	65.7	21.0	✓	
38	63.0	70.1	71.2	73.7	79.7	28.0		



WD3500-TPXXSN01



Part NO.	Mark	A	B	C	D	E	F	G
WD3500-3TP18S401	2L	2.1	2.05	0.65	0.2	2.84	3.23	1.7
WD3500-TP18SN01								
WD3500-3TP22S401	L	1.86	1.52	0.3	0.2	2.84	3.23	1.7
WD3500-TP22SN01								
WD3500-3TP28S401	M	1.86	1.52	0.3	0.2	2.2	2.7	1.1
WD3500-TP28SN01								
WD3500-3TP30S401	S	1.5	1.0	0.3	0.2	2.2	2.5	1.1
WD3500-TP30SN01								

Crimping size of wire terminals for reference

Part NO.	Mark	Wire Size (AWG)	Required Crimping Size at Wire Barrel		Required Crimping Size at Insulation Barrel	
			Width(+/-0.05mm)	Height(+/-0.05mm)	Width(+/-0.05mm)	Height(+/-0.05mm)
WD3500-3TP18S401	2L	18AWG	1.50	0.95	2.10 MAX	1.85 MAX
WD3500-TP18SN01		22AWG	1.35	0.78	1.55 MAX	1.80 MAX
WD3500-3TP22S401	L	22AWG	1.35	0.78	1.55 MAX	1.80 MAX
WD3500-TP22SN01		24AWG	1.30	0.70	1.55 MAX	1.70 MAX
WD3500-3TP28S401	M	26AWG	1.25	0.60	1.35 MAX	1.70 MAX
WD3500-TP28SN01		28AWG	1.25	0.55	1.35 MAX	1.70 MAX
WD3500-3TP30S401	S	28AWG	1.25	0.55	1.35 MAX	1.70 MAX
WD3500-TP30SN01		30AWG	1.25	0.50	1.35 MAX	1.70 MAX

TERMINAL:

Material: Phosphor Bronze
Contact Plating: Sn Over Ni
Insulation O.D.: 0.6~2.2mm (Max.)
Wire Range: AWG#18~#30

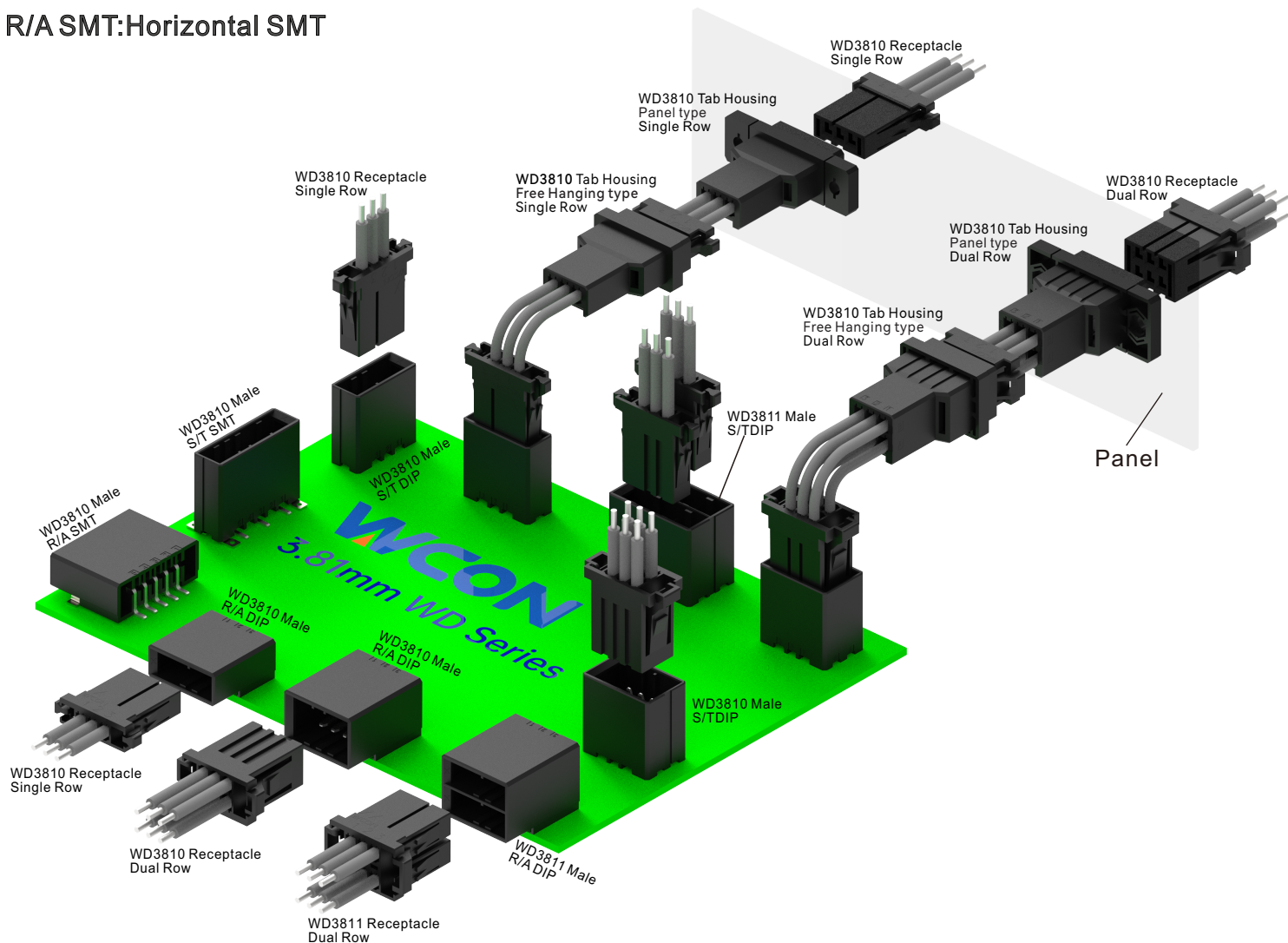
Board-Mounting

S/T DIP: Vertical T/H

R/A DIP: Horizontal T/H

S/T SMT: Vertical SMT

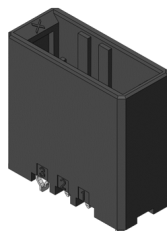
R/A SMT: Horizontal SMT



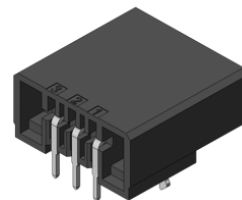


SPECIFICATIONS

Current Rating: 12.0 AMP
 Contact Resistance: 10mΩ Max
 Insulation Resistance: 1000MΩ Min
 Withstand Voltage: 1500V AC/Minute
 Operation Temperature: -55°C to +105°C
 Contact Material: Copper Alloy
 Contact Plating: Sn or Au Over Ni
 Insulator Material: Polyester (UL94V-0)
 Standard: LCP+33%G.F
 Type: T



WD3810-1WS03W4BT01W



WD3810-1WR03W4BT01W

WD3810 - 1

WS

Board-Mounting
 WS: S/T DIP
 WR: R/A DIP

XX

Positions
 3, 4, 5, 6, 8, 10

W4

Contact plating area
 W4=15u"Au/Matte Tin

B

Color
 B: Black

T

Packaging
 T: Tube

0

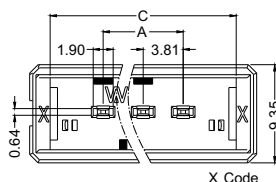
Insulator
 Material
 0=LCP

1

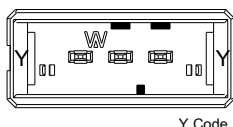
Key Code
 1=X Code
 2=Y Code

W

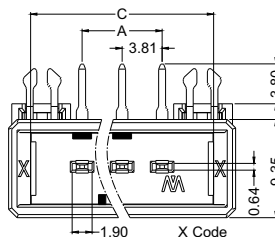
W: W/ Logo
 Blank: W/O Logo



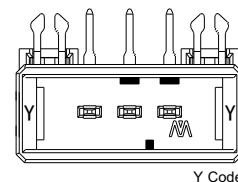
X Code



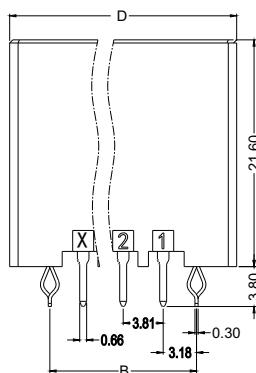
Y Code



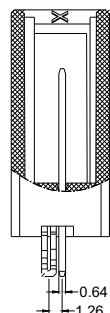
X Code



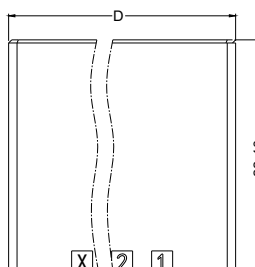
Y Code



B



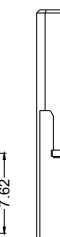
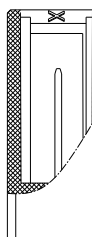
Y Code



X

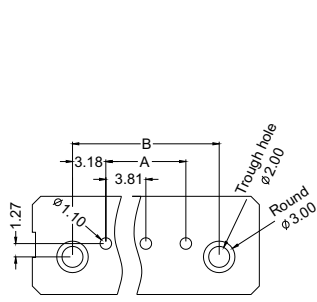
2

1

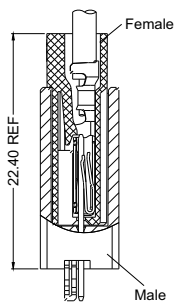


Pos.	A	B	C	D	X Code	Y Code
3	7.62	13.97	17.72	21.62	✓	
4	11.43	17.78	21.53	25.43	✓	
5	15.24	21.59	25.34	29.24	✓	
6	19.05	25.40	29.15	33.05	✓	
8	26.67	33.02	36.77	40.67	✓	
10	34.29	40.64	44.39	48.29	✓	

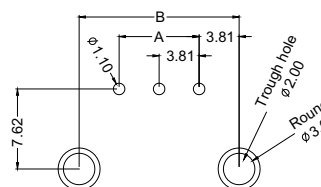
Pos.	A	B	C	D	X Code	Y Code
3	7.62	15.24	17.43	21.62	✓	
4	11.43	19.05	21.24	25.43	✓	
5	15.24	22.86	25.05	29.24	✓	
6	19.05	26.67	28.86	33.05	✓	
8	26.67	34.29	36.48	40.67	✓	
10	34.29	41.91	44.10	48.29	✓	



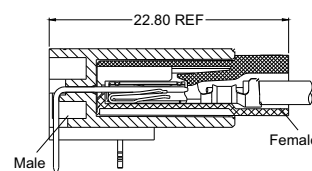
Recommended P.C.B Layout



Matching diagram



Recommended P.C.B Layout

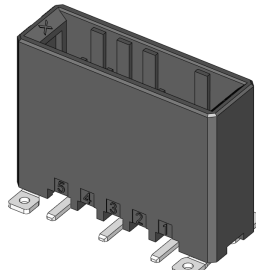


Matching diagram

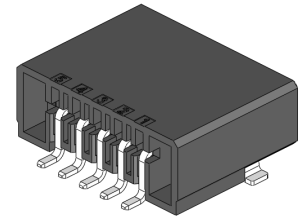


SPECIFICATIONS

Current Rating: 12.0 AMP
 Contact Resistance: 10mΩ Max
 Insulation Resistance: 1000MΩ Min
 Withstand Voltage: 1500V AC/Minute
 Operation Temperature: -55°C to +105°C
 Contact Material: Copper Alloy
 Contact Plating: Sn or Au Over Ni
 Insulator Material: Polyester (UL94V-0)
 Standard: LCP+33%G.F
 Type: T



WD3810-1WM03W4BT01W



WD3810-1WZ03W4BT01W

WD3810 - 1

WM

Board-Mounting
 WM:S/T SMT
 WZ:R/A SMT

XX

Positions
 5,8

W4

Contact plating area
 W4=15u"Au/Matte Tin

B

Color
 B:Black

T

Packaging
 T:Tube

0

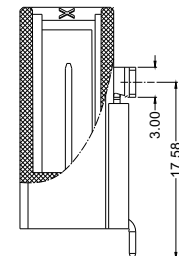
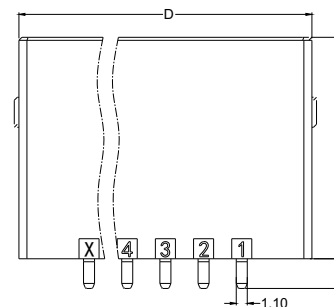
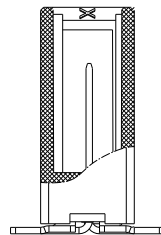
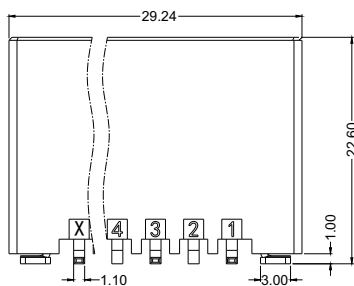
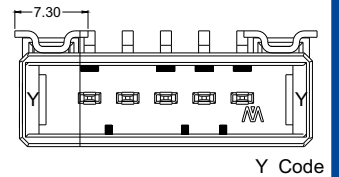
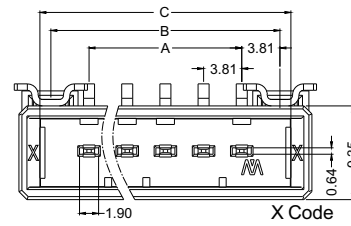
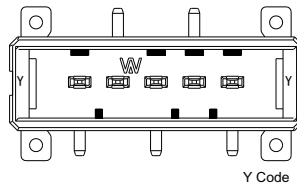
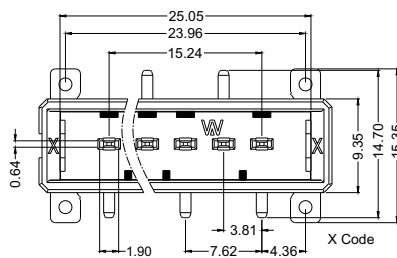
Insulator
 Material
 0=LCP

1

Key Code
 1=X Code
 2=Y Code

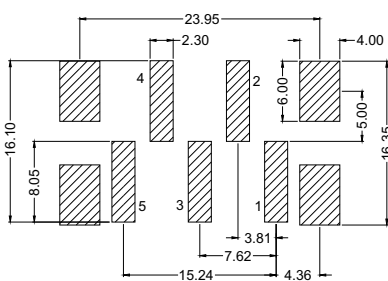
W

W:W/ Logo
 Blank:W/O Logo

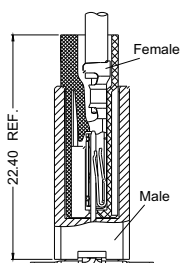


Pos.	A	B	C	D	X Code	Y Code
5	15.24	23.96	25.05	29.24	✓	

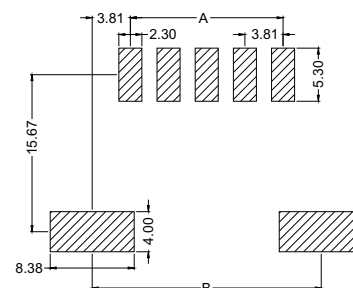
Pos.	A	B	C	D	X Code	Y Code
5	15.24	22.86	25.05	29.24	✓	
8	26.67	34.29	36.48	40.67	✓	



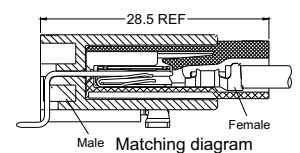
Recommended P.C.B Layout



Matching diagram



Recommended P.C.B Layout

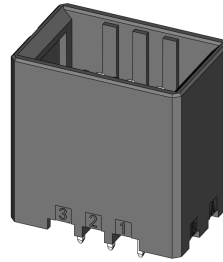


Matching diagram

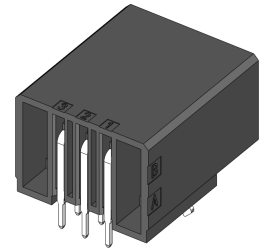


SPECIFICATIONS

Current Rating: 12.0 AMP
 Contact Resistance: 10mΩ Max
 Insulation Resistance: 1000MΩ Min
 Withstand Voltage: 1500V AC/Minute
 Operation Temperature: -55°C to +105°C
 Contact Material: Copper Alloy
 Contact Plating: Sn or Au Over Ni
 Insulator Material: Polyester (UL94V-0)
 Standard: LCP+33%G.F
 Type: T

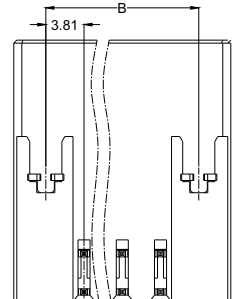
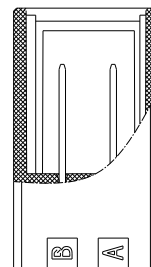
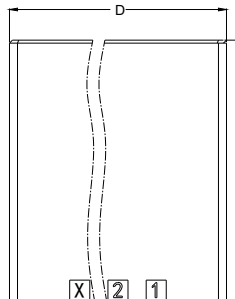
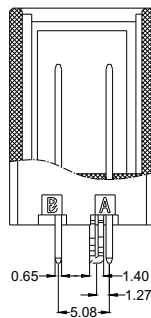
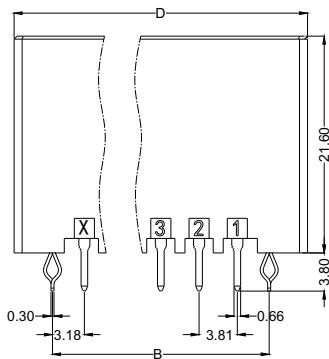
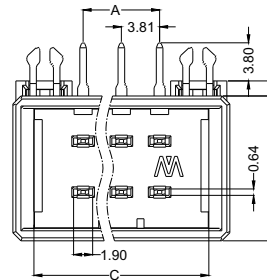
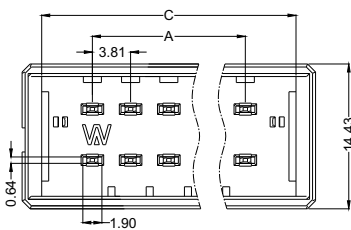


WD3810-2WS03W4BT00W



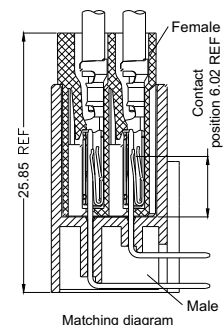
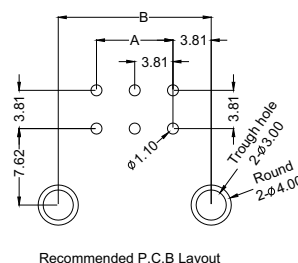
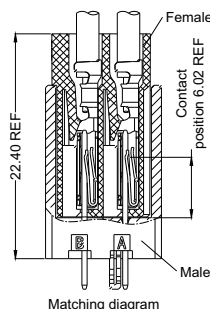
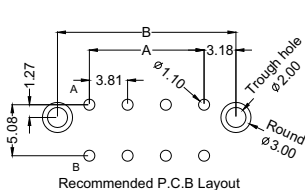
WD3810-2WR03W4BT00W

WD3810 - 2	<u>WS</u>	<u>XX</u>	<u>W4</u>	<u>B</u>	<u>T</u>	<u>0</u>	<u>0</u>	<u>W</u>
	Board-Mounting WS:S/T DIP WR:R/A DIP	Positions 6,8,10,12,16, 20,24	Contact plating area W4=15u"Au/Matte Tin	Color B:Black	Packaging T:Tube	Insulator Material 0=LCP	Key Code 0=Symmetry Code	W:W/ Logo Blank:W/O Logo



Pos	A	B	C	D	Symmetry Code
2*3	7.62	13.97	17.72	21.62	✓
2*4	11.43	17.78	21.53	25.43	✓
2*5	15.24	21.59	25.34	29.24	✓
2*6	19.05	25.40	29.15	33.05	✓
2*8	26.67	33.02	36.77	40.67	✓
2*10	34.29	40.64	44.39	48.29	✓
2*12	41.91	48.26	52.01	55.91	✓

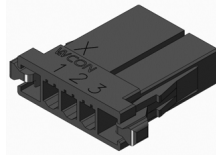
Pos	A	B	C	D	Symmetry Code
2*3	7.62	15.24	17.43	21.62	✓
2*4	11.43	19.05	21.24	25.43	✓
2*5	15.24	22.86	25.05	29.24	✓
2*6	19.05	26.67	28.86	33.05	✓
2*8	26.67	34.29	36.48	40.67	✓
2*10	34.29	41.91	44.10	48.29	✓
2*12	41.91	49.53	51.72	55.91	✓



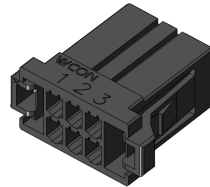


SPECIFICATIONS

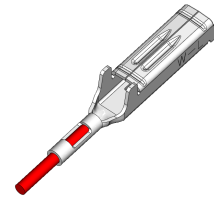
Current Rating: 12.0 AMP
 Contact Resistance: 10mΩ Max
 Insulation Resistance: 1000MΩ Min
 Withstand Voltage: 1500V AC/Minute
 Operation Temperature: -55°C to +105°C
 Contact Material: Copper Alloy
 Contact Plating: Sn or Au Over Ni
 Insulator Material: Polyester (UL94V-0)
 Standard: PBT+G.F
 Type: T



WD3810-1H03B001W

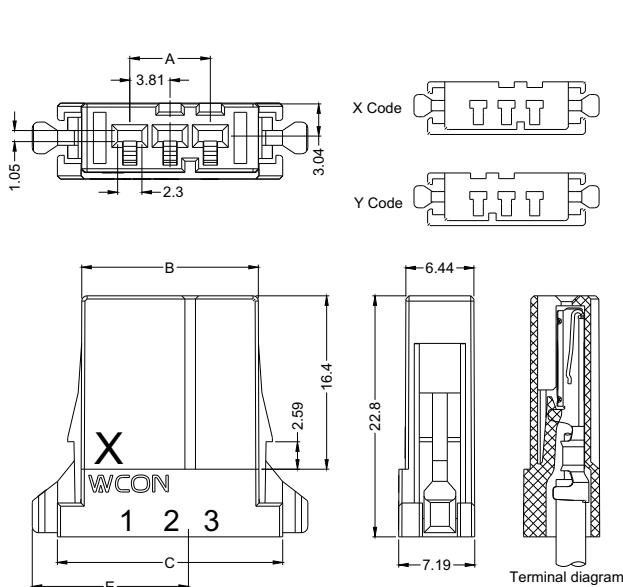


WD3810-2H03B010W

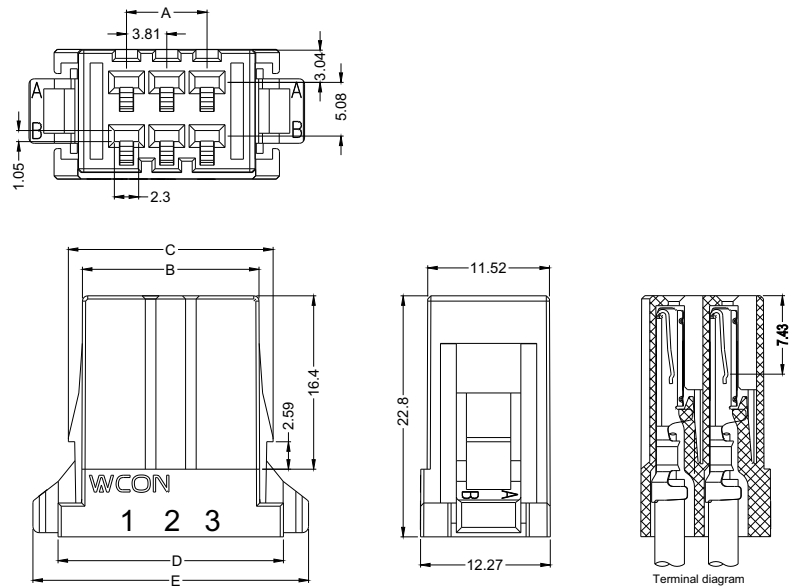


WD3810-3TD414SN01

WD3810 -	<u>1</u>	<u>H</u>	<u>XX</u>	<u>B</u>	<u>0</u>	<u>01</u>	<u>W</u>
	Row 1: Single Row 2: Dual Row		Positions 3, 4, 5, 6, 8, 10 (Single Row) 6, 8, 10, 12, 16, 20 (Dual Row)	Color B: Black	Packaging 0: PE Bag	Key Code 01=X Code 02=Y Code 10=Symmetry Code	W: W/ Logo Blank: W/O Logo

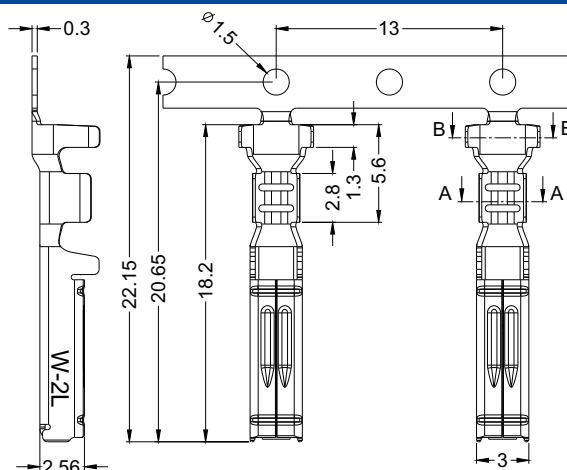


Pos	A	B	C	E	X Code	Y Code
3	7.62	16.70	19.37	26.07	✓	
4	11.43	20.51	23.18	29.88	✓	
5	15.24	24.32	26.99	33.69	✓	
6	19.05	28.13	30.80	37.50	✓	
8	26.67	35.75	38.42	45.12	✓	
10	34.29	43.37	46.04	52.74	✓	



Pos	A	B	C	D	E	Symmetry Code
2*3	7.62	16.70	19.37	21.32	26.07	✓
2*4	11.43	20.51	23.18	25.13	29.88	✓
2*5	15.24	24.32	26.99	28.94	33.69	✓
2*6	19.05	28.13	30.80	32.75	37.50	✓
2*8	26.67	35.75	38.42	40.37	45.12	✓
2*10	34.29	43.37	46.04	47.99	52.74	✓

TERMINAL :
 Material: Copper Alloy
 Contact Plating: Sn Over Ni
 Insulation O.D.: 0.80~2.80mm (Max.)
 Wire Range: AWG#14~#28

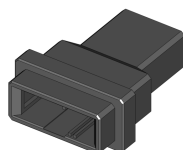


Part NO.	Mark	Wire Size	A	B	C	D	E	F
WD3810-3TD414XX02	3L	16~14AWG	2.78	3.04	0.4	4.79	4.66	1.6
WD3810-3TD414XX01	2L	16~14AWG	2.78	3.04	0.4	4.0	3.9	1.35
WD3810-3TD416XX01	L	20~16AWG	2.4	2.95	0.4	4.0	3.6	1.35
WD3810-3TD420XX01	M	24~20AWG	1.79	2.27	0.4	4.0	3.6	1.35
WD3810-3TD424XX01	S	28~24AWG	1.45	1.98	0.7	2.42	2.53	1.1

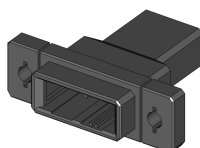
WD3810 Series, Wire to Wire, 3.81mm (0.150"), Tab Housing

SPECIFICATIONS

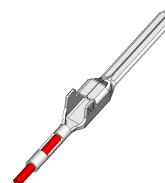
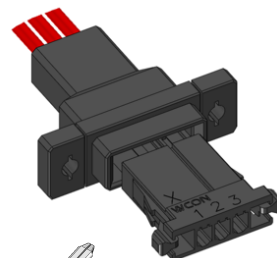
Specifications:
Current Rating: 12.0 AMP
Contact Resistance: 10mΩ Max
Insulation Resistance: 1000MΩ Min
Withstand Voltage: 1500V AC/Minute
Operation Temperature: -55°C to +105°C
Contact Material: Copper Alloy
Contact Plating: Sn or Au Over Ni
Insulator Material: Polyester (UL94V-0)
Standard: PBT+G.F
Type: T



WD3810-1HK03B001W

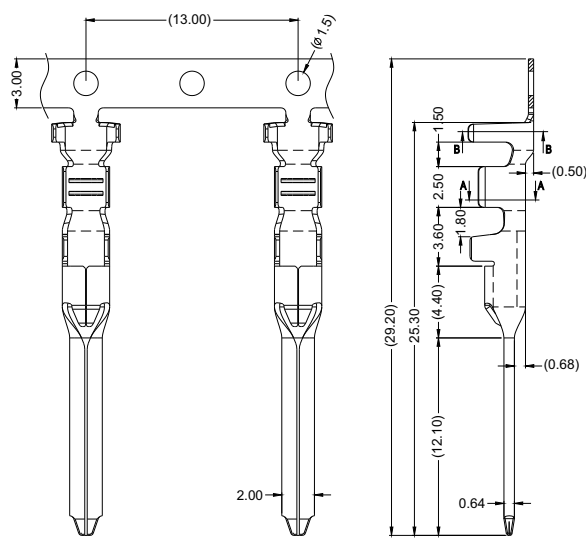
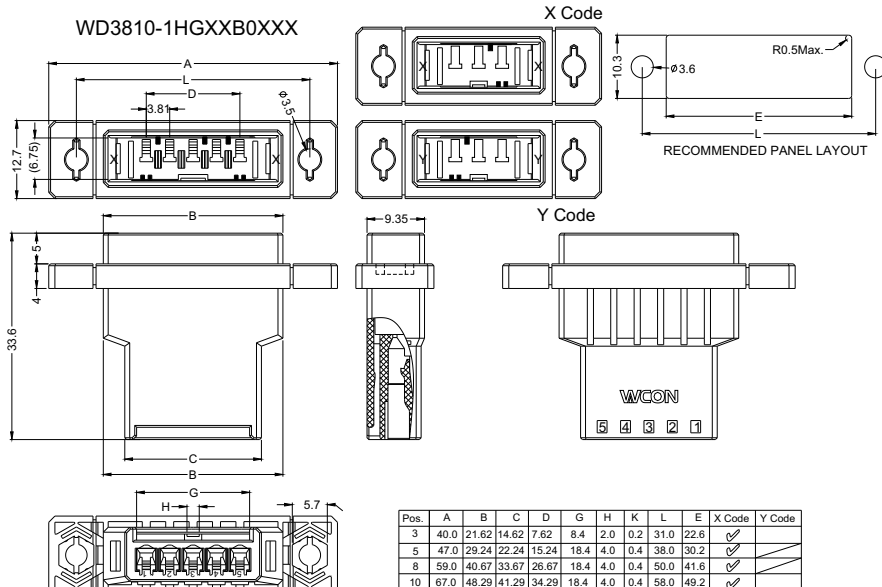
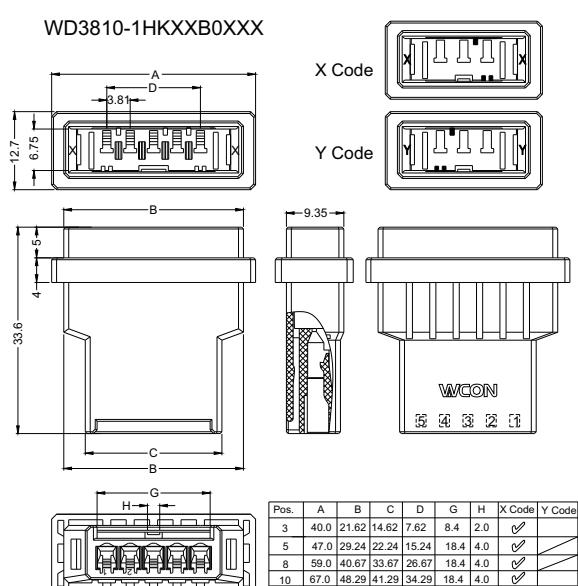


WD3810-1HG03B001W



WD3810-MTD414SN01

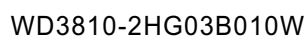
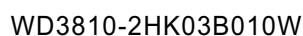
WD3810 -	1	H	<u>K</u>	<u>XX</u>	<u>B</u>	<u>0</u>	<u>01</u>	<u>W</u>
			K:Type-K G:Type-G	Positions 3,5,8,10	Color B:Black	Packaging 0:PE Bag	Key Code 01=X Code 02=Y Code	W:W/ Logo Blank:W/O Logo



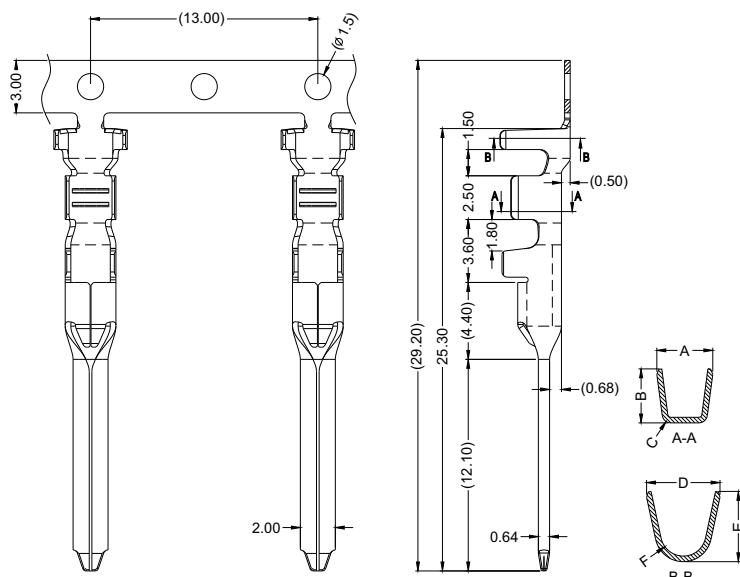
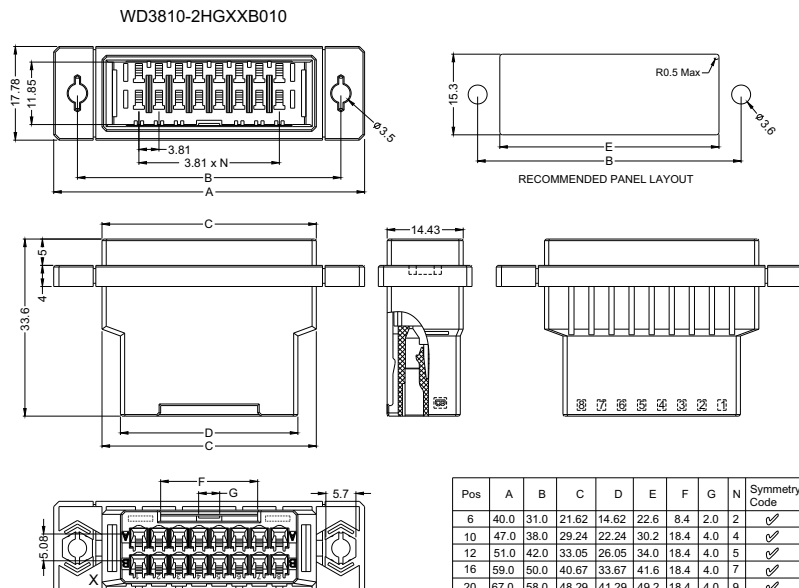
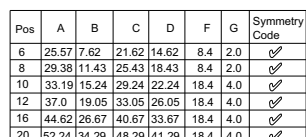
TERMINAL:
Meaterial:Copper Alloy
Contact Plating:Sn Over Ni
Insulation O.D.:1.2-2.8mm (Max.)
Wire Range:AWG#14~#24

Part NO.	Mark	Wire Size	A	B	C	D	E	F
WD3810-MTD414XX01	2L	16~14AWG	3.2	3.09	R0.5	4.2	4.0	Ø2.6
WD3810-MTD416XX01	L	20~16AWG	2.9	2.9	R0.62	4.2	4.0	Ø2.6
WD3810-MTD420XX01	M	24~20AWG	2.3	2.15	R0.6	3.6	3.74	Ø2.3

Current Rating: 12.0 AMP
Contact Resistance: 10mΩ Max
Insulation Resistance: 1000MΩ Min
Withstand Voltage: 1500V AC/Minute
Operation Temperature: -55°C to +105°C
Contact Material: Copper Alloy
Contact Plating: Sn or Au Over Ni
Insulator Material: Polyester (UL94V-0)
Standard: PBT+G.F
Type: T



WD3810 -	2	H	<u>K</u>	<u>XX</u>	<u>B</u>	<u>0</u>	<u>10</u>	<u>W</u>
			K:Type-K G:Type-G	Positions 6,8,10,12,16,20	Color B:Black	Packaging 0:PE Bag	Key Code 10=Symmetry Code	W:W/ Logo Blank:W/O Logo



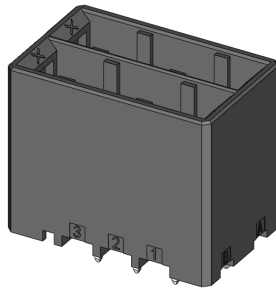
Material: Copper Alloy
Contact Plating: Sn Over Ni
Insulation O.D.: 1.2-2.8mm (Max.)
Wire Range: AWG#14~#24

Part NO.	Mark	Wire Size	A	B	C	D	E	F
WD3810-MTD414XX01	2L	16~14AWG	3.2	3.09	R0.5	4.2	4.0	∅2.6
WD3810-MTD416XX01	L	20~16AWG	2.9	2.9	R0.62	4.2	4.0	∅2.6
WD3810-MTD420XX01	M	24~20AWG	2.3	2.15	R0.6	3.6	3.74	∅2.3

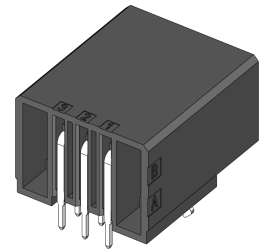


SPECIFICATIONS

Current Rating: 12.0 AMP
 Contact Resistance: 10mΩ Max
 Insulation Resistance: 1000MΩ Min
 Withstand Voltage: 1500V AC/Minute
 Operation Temperature: -55°C to +105°C
 Contact Material: Copper Alloy
 Contact Plating: Sn or Au Over Ni
 Insulator Material: Polyester (UL94V-0)
 Standard: LCP+33%G.F
 Type: T



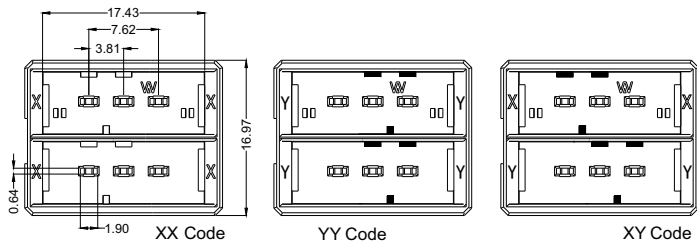
WD3811-2WS03W4BT04W



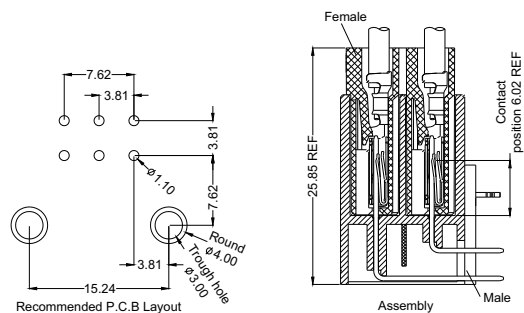
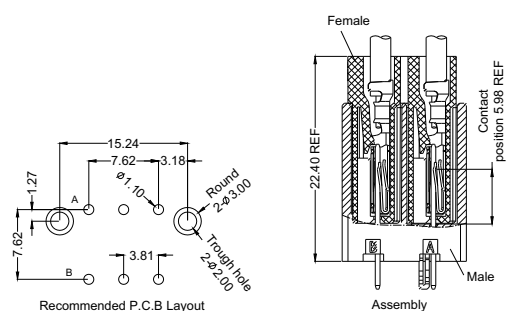
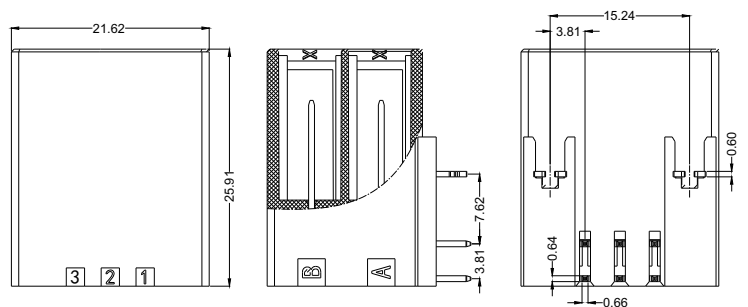
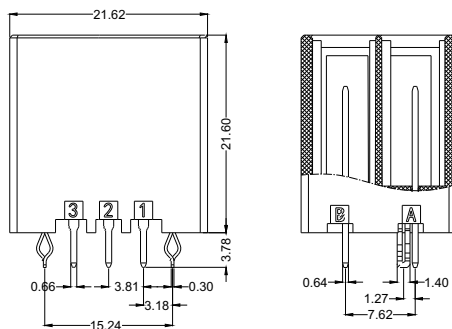
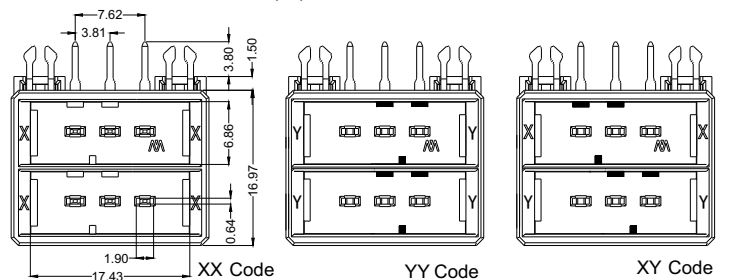
WD3811-2WR03W4BT04W

WD3811 - 2	WS	XX	W4	B	T	0	4	W
	Board-Mounting WS:S/T DIP WR:R/A DIP	Positions 6	Contact plating area W4=15u"Au/Matte Tin	Color B:Black	Packaging T:Tube	Insulator Material 0=LCP	Key Code 4=XX Code 5=YY Code 6=XY Code	W:W/ Logo Blank:W/O Logo

WD3811-2WS03XXBAXX(W)



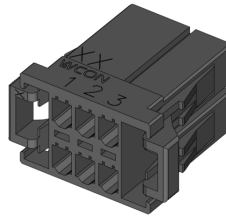
WD3811-2WR03XXBAXX(W)



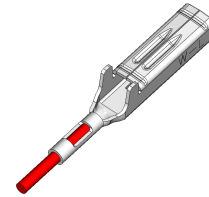


SPECIFICATIONS

Current Rating: 12.0 AMP
 Contact Resistance: 10mΩ Max
 Insulation Resistance: 1000MΩ Min
 Withstand Voltage: 1500V AC/Minute
 Operation Temperature: -55°C to +105°C
 Contact Material: Copper Alloy
 Contact Plating: Sn or Au Over Ni
 Insulator Material: Polyester (UL94V-0)
 Standard: PBT+G.F
 Type: T

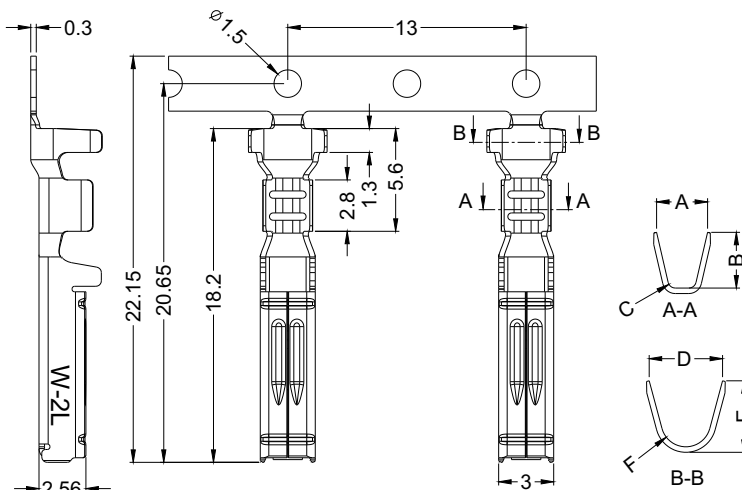
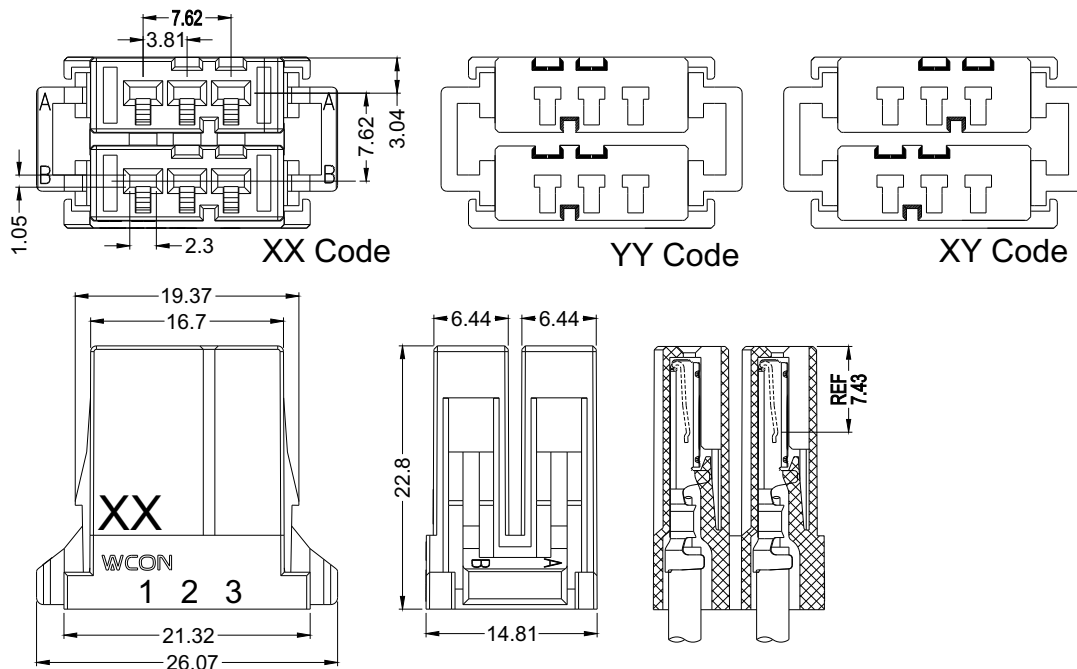


WD3811-2H03B004W



WD3810-3TD414SN01

WD3811 -	<u>2</u>	H	<u>XX</u>	<u>B</u>	<u>0</u>	<u>04</u>	<u>W</u>
	Row 2: Dual Row		Positions 6	Color B: Black	Packaging 0: PE Bag	Key Code 04=XX Code 05=YY Code 06=XY Code	W: W/ Logo Blank: W/O Logo

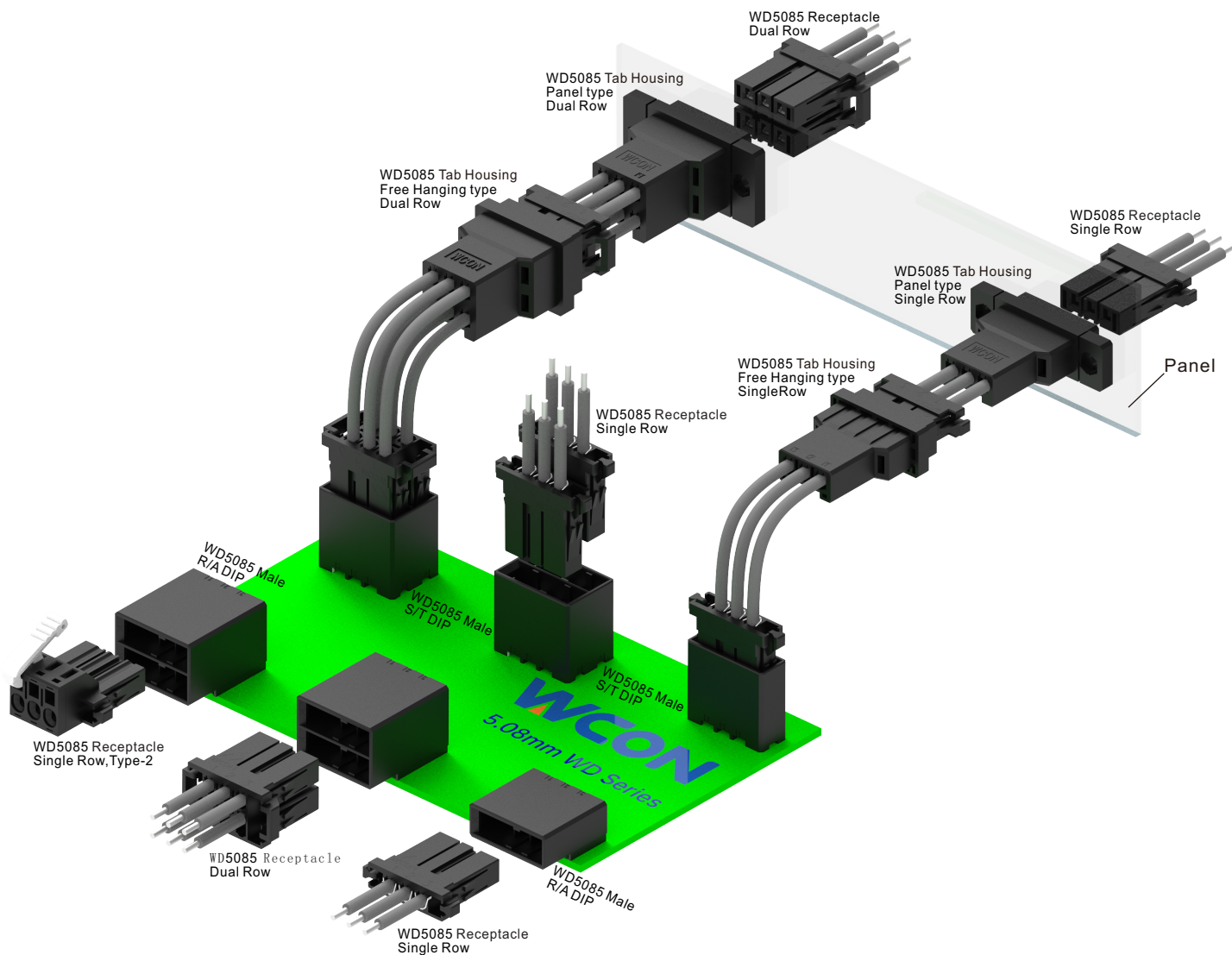


TERMINAL :

Material: Copper Alloy
 Contact Plating: Sn Over Ni
 Insulation O.D.: 0.80~2.80mm (Max.)
 Wire Range: AWG#14~#28

Part NO.	Mark	Wire Size	A	B	C	D	E	F
WD3810-3TD414XX02	3L	16~14AWG	2.78	3.04	0.4	4.79	4.66	1.6
WD3810-3TD414XX01	2L	16~14AWG	2.78	3.04	0.4	4.0	3.9	1.35
WD3810-3TD416XX01	L	20~16AWG	2.4	2.95	0.4	4.0	3.6	1.35
WD3810-3TD420XX01	M	24~20AWG	1.79	2.27	0.4	4.0	3.6	1.35
WD3810-3TD424XX01	S	28~24AWG	1.45	1.98	0.7	2.42	2.53	1.1

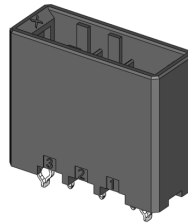
Board-Mounting
S/T DIP:Vertical T/H
R/A DIP:Horizontal T/H



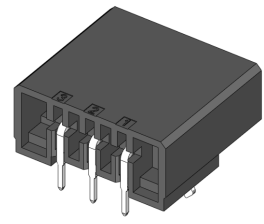


SPECIFICATIONS

Current Rating: 12.0 AMP
 Contact Resistance: 10mΩ Max
 Insulation Resistance: 1000MΩ Min
 Withstand Voltage: 2200V AC/Minute
 Operation Temperature: -55°C to +105°C
 Contact Material: Copper Alloy
 Contact Plating: Sn or Au Over Ni
 Insulator Material: Polyester (UL94V-0)
 Standard: LCP+33%G.F
 Type: T

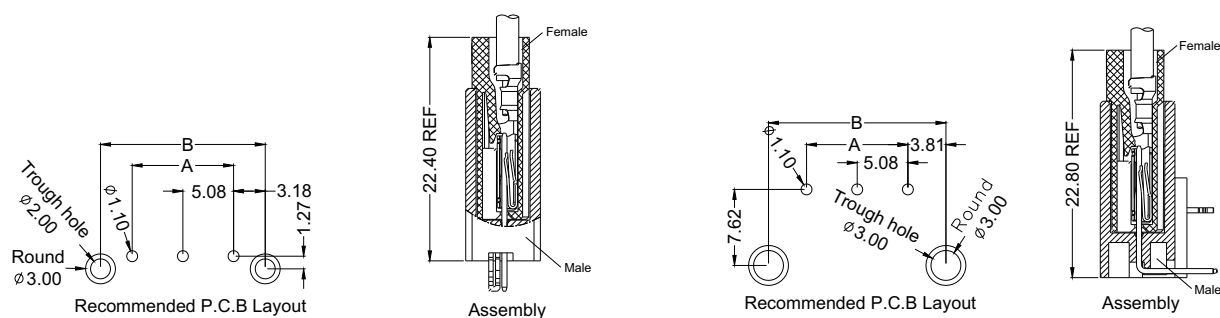
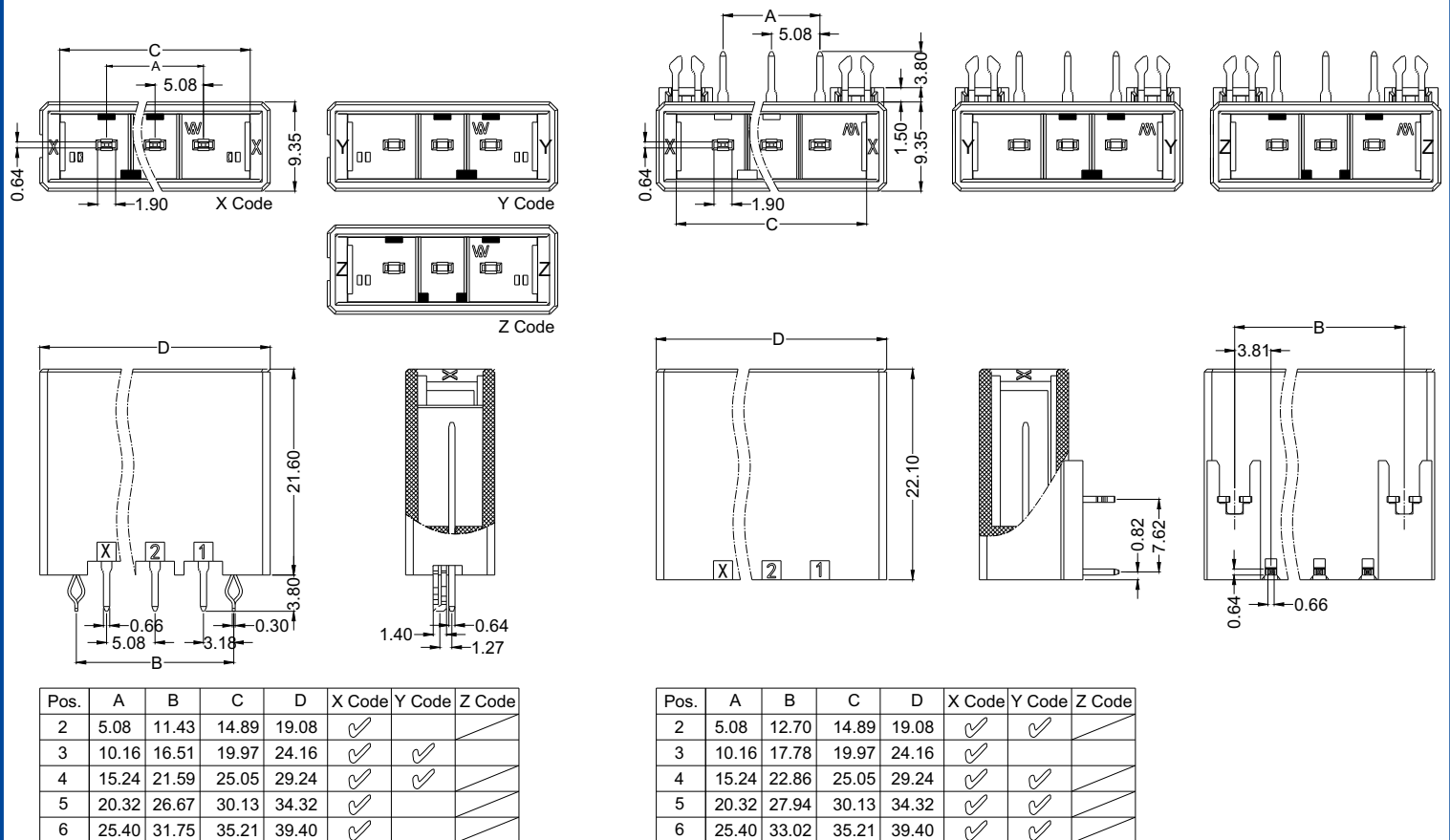


WD5085-1WS03W4BT01W



WD5085-1WR03W4BT01W

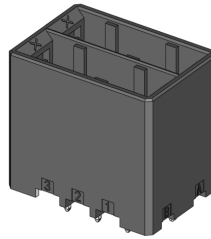
WD5085 - 1	WS	XX	W4	B	T	0	0	W
	Board-Mounting WS: S/T DIP WR: R/A DIP	Positions 2, 3, 4, 5, 6	Contact plating area W4=15u"Au/Matte Tin	Color B: Black	Packaging T: Tube	Insulator Material 0=LCP	Key Code 1=X Code 2=Y Code 3=Z Code	W: W/ Logo Blank: W/O Logo



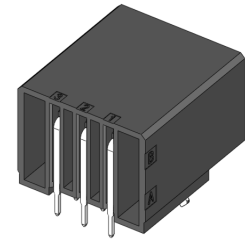


SPECIFICATIONS

Current Rating: 12.0 AMP
 Contact Resistance: 10mΩ Max
 Insulation Resistance: 1000MΩ Min
 Withstand Voltage: 2200V AC/Minute
 Operation Temperature: -55°C to +105°C
 Contact Material: Copper Alloy
 Contact Plating: Sn or Au Over Ni
 Insulator Material: Polyester (UL94V-0)
 Standard: LCP+33%G.F
 Type: T

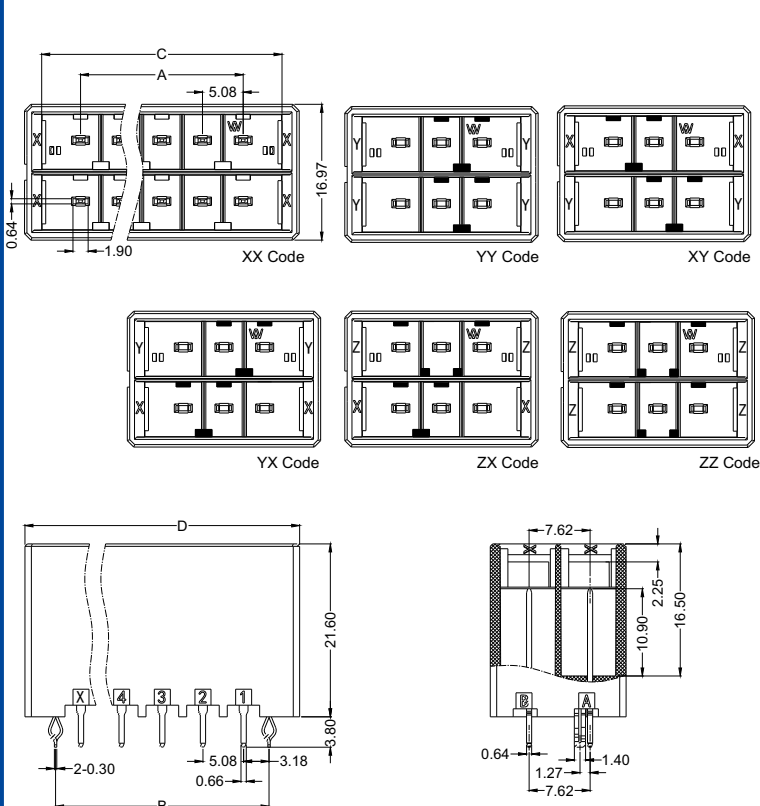


WD5085-2WS03W4BT04W

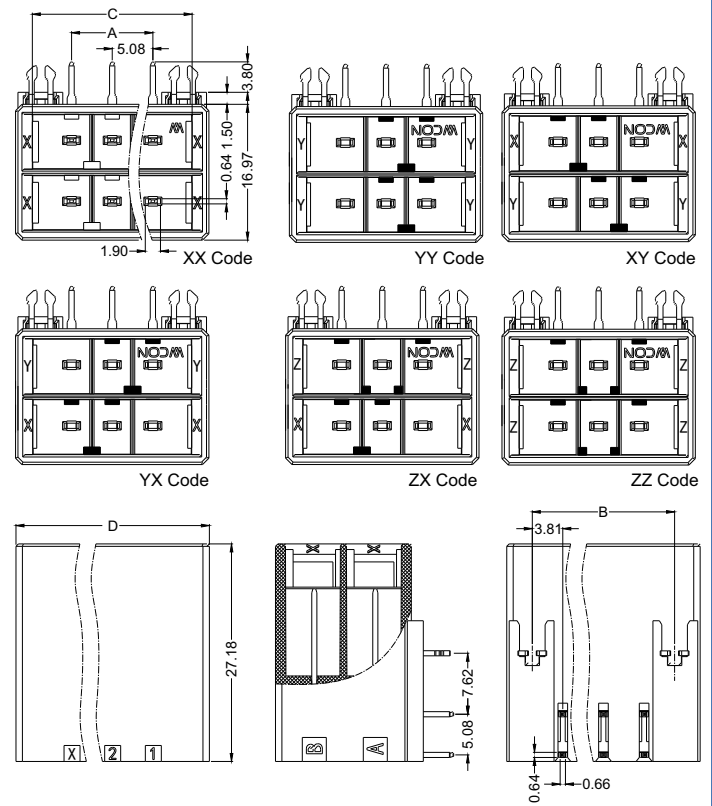


WD5085-2WR03W4BT04W

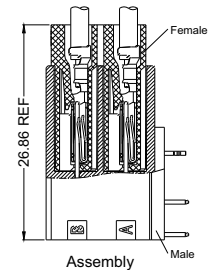
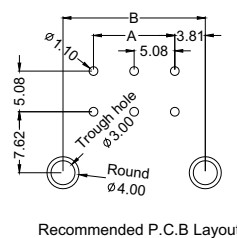
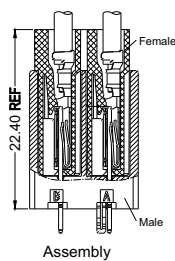
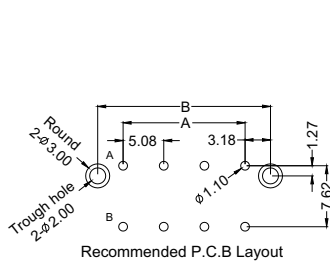
WD5085 - 2	WS	XX	W4	B	T	0	4	W
	Board-Mounting WS: S/T DIP WR: R/A DIP	Positions 6, 10, 12	Contact plating area W4=15u"Au/Matte Tin	Color B: Black	Packaging T: Tube	Insulator Material 0=LCP	Key Code 4=XX Code 7=YX Code 5=YY Code 8=ZX Code 6=XY Code 9=ZZ Code	W: W/ Logo Blank: W/O Logo



Pos.	A	B	C	D	XX Code	YY Code	XY Code	YX Code	ZX Code	ZZ Code
2*3	10.16	16.51	19.97	24.16	✓					
2*5	20.32	26.67	30.13	34.32	✓					
2*6	25.40	31.75	35.21	39.40	✓					

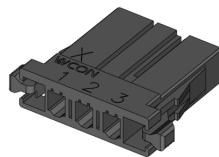


Pos.	A	B	C	D	XX Code	YY Code	XY Code	YX Code	ZX Code	ZZ Code
2*3	10.16	17.78	19.97	24.16	✓					
2*5	20.32	27.94	30.13	34.32	✓					
2*6	25.40	33.02	35.21	39.40	✓					

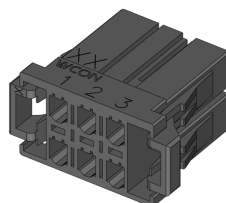


SPECIFICATIONS

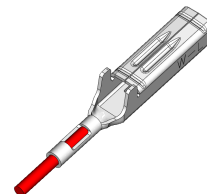
Current Rating: 12.0 AMP
Contact Resistance: 10mΩ Max
Insulation Resistance: 1000MΩ Min
Withstand Voltage: 2200V AC/Minute
Operation Temperature: -55°C to +105°C
Contact Material: Copper Alloy
Contact Plating: Sn or Au Over Ni
Insulator Material: Polyester (UL94V-0)
Standard: PBT+G.F
Type: T



WD5085-1H03B001W

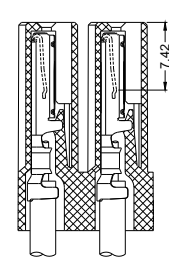
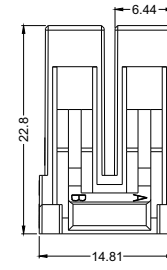
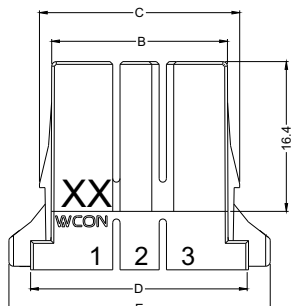
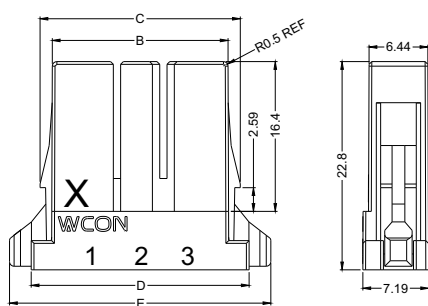
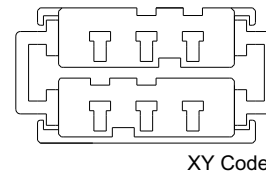
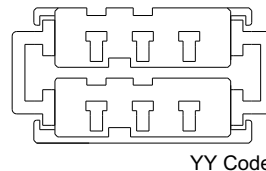
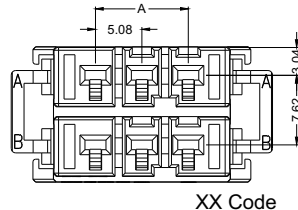
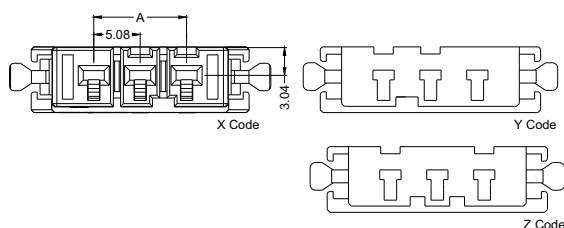


WD5085-2H03B004W



WD3810-TD414SN01

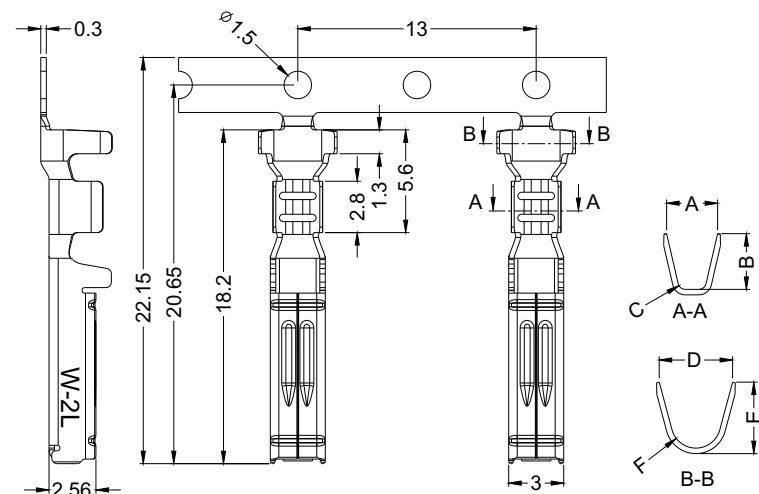
WD5085 -	<u>2</u>	<u>H</u>	<u>XX</u>	<u>B</u>	<u>0</u>	<u>04</u>	<u>W</u>
	Row 1: Single Row 2: Dual Row	Positions 2,3,4,5,6(Single Row) 6,10,12,20(Dual Row)		Color B: Black	Packaging 0: PE Bag	Key Code 01=X Code 04=XX Code 02=Y Code 05=YY Code 03=Z Code 06=XY Code	W: W/ Logo Blank: W/O Logo



Terminal diagram

Pos.	A	B	C	D	E	X Code	Y Code	Z Code
2	5.08	14.16	16.83	18.78	23.53	✓		
3	10.16	19.24	21.91	23.86	28.61	✓	✓	
4	15.24	24.32	26.99	28.94	33.69	✓	✓	
5	20.32	29.40	32.07	34.02	38.77	✓	✓	
6	25.40	34.48	37.15	39.10	43.85	✓	✓	

Pos.	A	B	C	D	E	XX Code	YY Code	XY Code
2'3	10.16	19.24	21.91	23.86	28.61	✓		
2'5	20.32	29.40	32.07	34.02	38.77	✓		
2'6	25.40	34.48	37.15	39.10	43.85	✓		
2'10	45.72	54.80	57.47	59.42	64.17	✓		



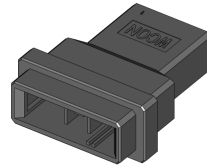
TERMINAL :
Meaterial: Copper Alloy
Contact Plating: Sn Over Ni
Insulation O.D.: 0.80~2.80mm (Max.)
Wire Range: AWG#14~#28

Part NO.	Mark	Wire Size	A	B	C	D	E	F
WD3810-3TD414XX02	3L	16~14AWG	2.78	3.04	0.4	4.79	4.66	1.6
WD3810-3TD414XX01	2L	16~14AWG	2.78	3.04	0.4	4.0	3.9	1.35
WD3810-3TD416XX01	L	20~16AWG	2.4	2.95	0.4	4.0	3.6	1.35
WD3810-3TD420XX01	M	24~20AWG	1.79	2.27	0.4	4.0	3.6	1.35
WD3810-3TD424XX01	S	28~24AWG	1.45	1.98	0.7	2.42	2.53	1.1

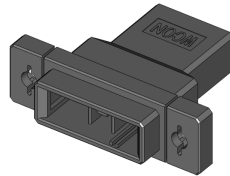


SPECIFICATIONS

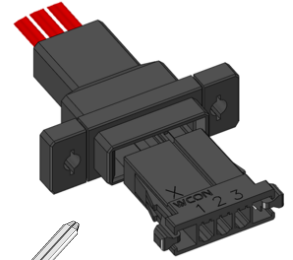
Current Rating: 12.0 AMP
 Contact Resistance: 10mΩ Max
 Insulation Resistance: 1000MΩ Min
 Withstand Voltage: 2200V AC/Minute
 Operation Temperature: -55°C to +105°C
 Contact Material: Copper Alloy
 Contact Plating: Sn or Au Over Ni
 Insulator Material: Polyester (UL94V-0)
 Standard: PBT+G.F
 Type: T



WD5085-1HK03B001W

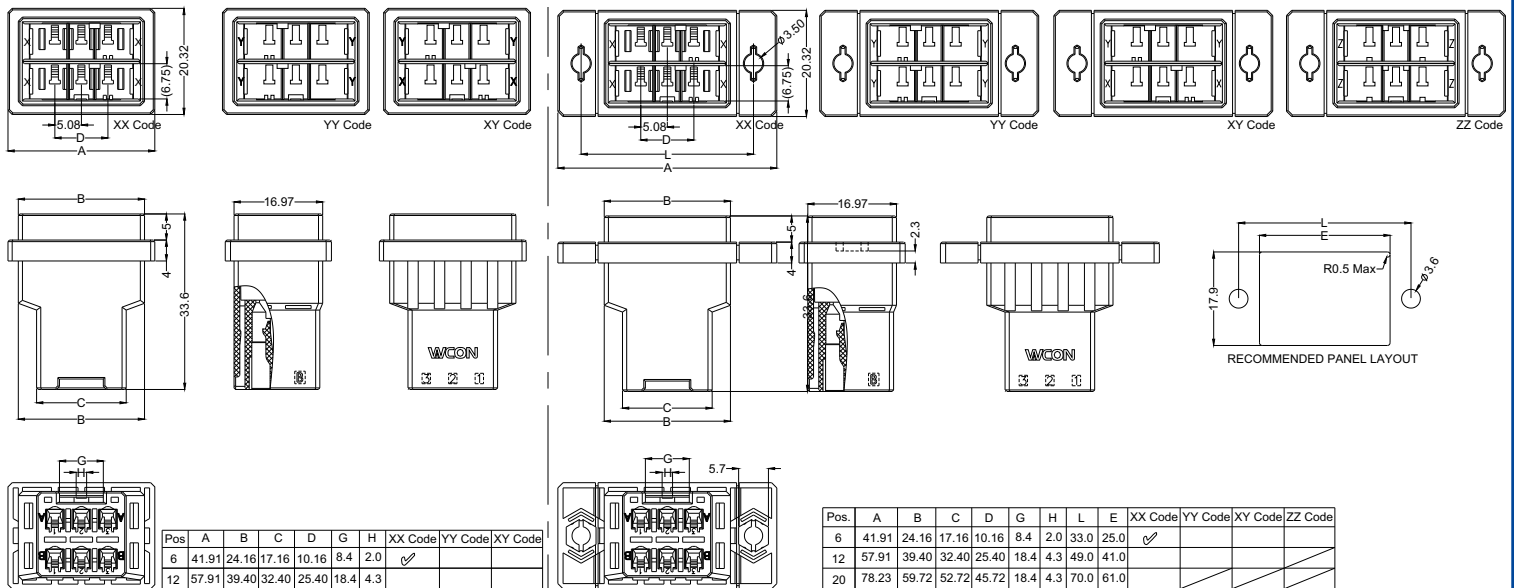


WD5085-1HG03B001W



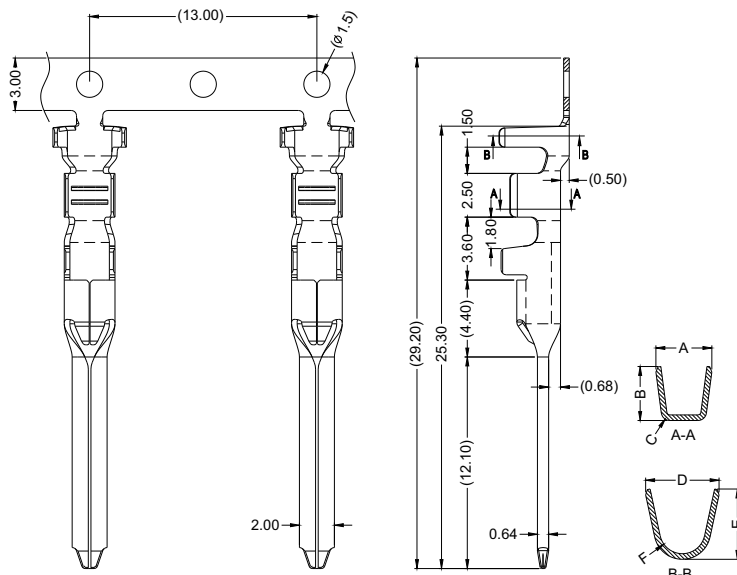
WD3810-MTD414SN01

WD5085	-	1	H	G	XX	B	0	04	W
				K:Type-K G:Type-K	Positions 2,3,4	Color B:Black	Packaging 0:PE Bag	Key Code 01=X Code 04=XX Code 02=Y Code 05=YY Code 03=Z Code 06=XY Code	W:W/ Logo Blank:W/O Logo



TERMINAL :

Meaterial: Copper Alloy
 Contact Plating: Sn Over Ni
 Insulation O.D.: 1.2-2.8mm (Max.)
 Wire Range: AWG#14~#24

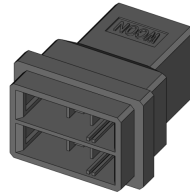


Part NO.	Mark	Wire Size	A	B	C	D	E	F
WD3810-MTD414XX01	2L	16~14AWG	3.2	3.09	R0.5	4.2	4.0	Ø2.6
WD3810-MTD416XX01	L	20~16AWG	2.9	2.9	R0.62	4.2	4.0	Ø2.6
WD3810-MTD420XX01	M	24~20AWG	2.3	2.15	R0.6	3.6	3.74	Ø2.3

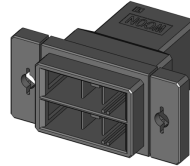


SPECIFICATIONS

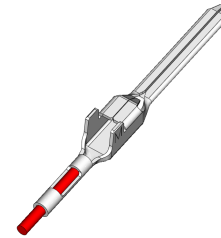
Current Rating: 12.0 AMP
Contact Resistance: 10mΩ Max
Insulation Resistance: 1000MΩ Min
Withstand Voltage: 2200V AC/Minute
Operation Temperature: -55°C to +105°C
Contact Material: Copper Alloy
Contact Plating: Sn or Au Over Ni
Insulator Material: Polyester (UL94V-0)
Standard: PBT+G.F
Type: T



WD5085-2HK03B004W

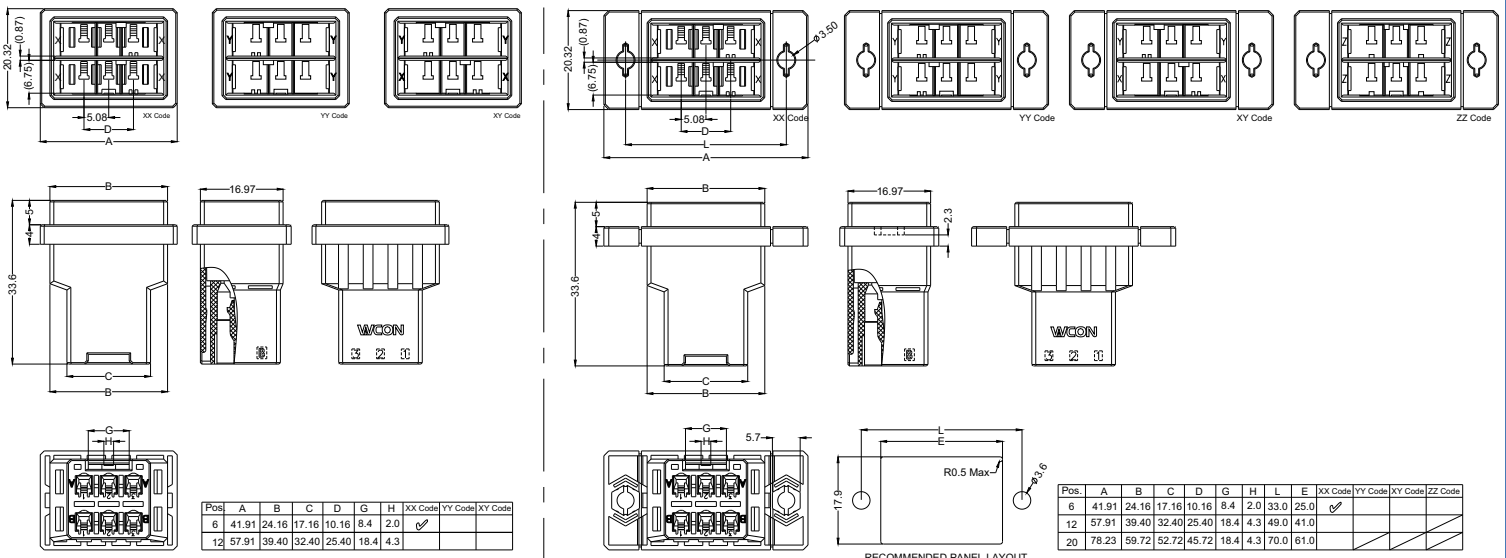


WD5085-2HG03B004W



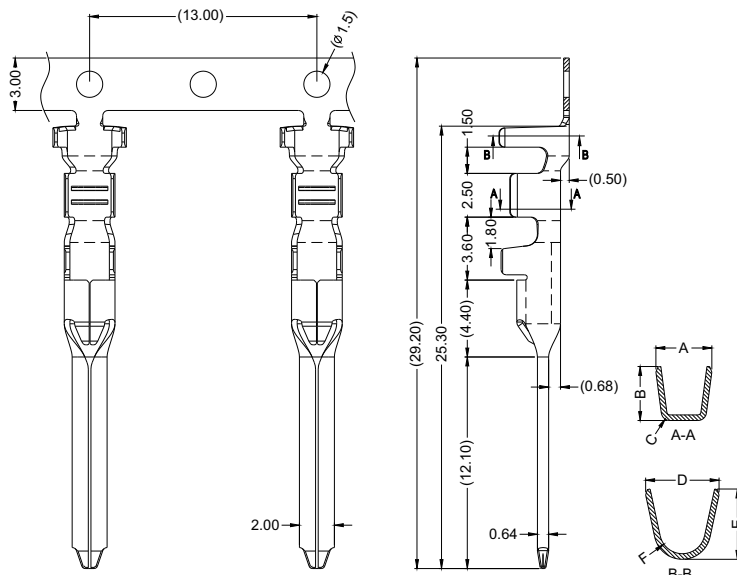
WD3810-MTD414SN01

WD5085	-	2	H	G	XX	B	0	04	W
				K:Type-K G:Type-G	Positions 6,12,20	Color B:Black	Packaging 0:PE Bag	Key Code 01=X Code 04=XX Code 02=Y Code 05=YY Code 03=Z Code 06=XY Code 09=ZZ Code	W:W/ Logo Blank:W/O Logo



TERMINAL :

Material: Copper Alloy
Contact Plating: Sn Over Ni
Insulation O.D.: 1.2-2.8mm (Max.)
Wire Range: AWG#14~#24

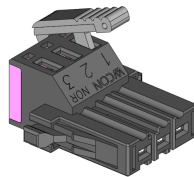


Part NO.	Mark	Wire Size	A	B	C	D	E	F
WD3810-MTD414XX01	2L	16~14AWG	3.2	3.09	R0.5	4.2	4.0	Ø2.6
WD3810-MTD416XX01	L	20~16AWG	2.9	2.9	R0.62	4.2	4.0	Ø2.6
WD3810-MTD420XX01	M	24~20AWG	2.3	2.15	R0.6	3.6	3.74	Ø2.3

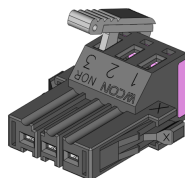


SPECIFICATIONS

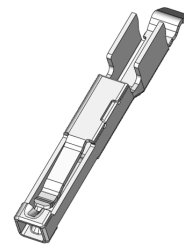
Current Rating: 12.0 AMP
Contact Resistance: 10mΩ Max
Insulation Resistance: 1000MΩ Min
Withstand Voltage: 2200V AC/Minute
Operation Temperature: -55°C to +105°C
Contact Material: Copper Alloy
Contact Plating: Sn or Au Over Ni
Insulator Material: Polyester (UL94V-0)
Standard: PBT+G.F
Type: JE



WD5085-1HA03B001W

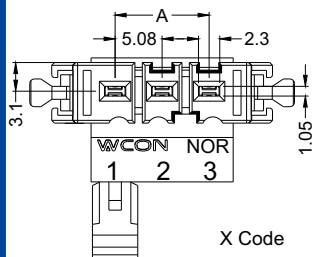


WD5085-1HB03B002W

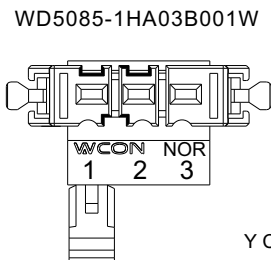


TWD5085-3D4S4Y01

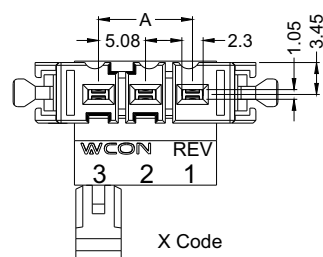
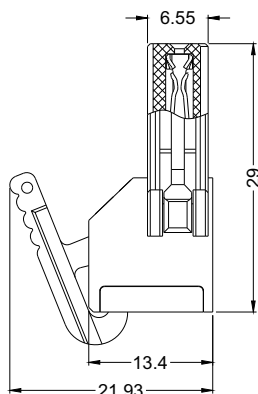
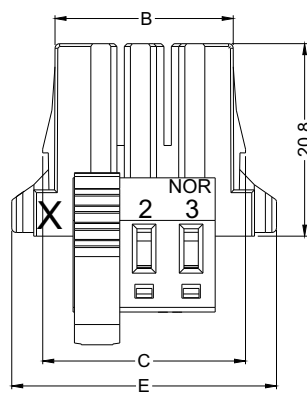
WD5085 - 1	H	A	XX	B	A	01	W
	A: Type-A B: Type-B	Positions 3, 4, 5, 6		Color B: Black	Packaging 0: PE Bag	Key Code 01=X Code 02=Y Code	W: W/ Logo Blank: W/O Logo



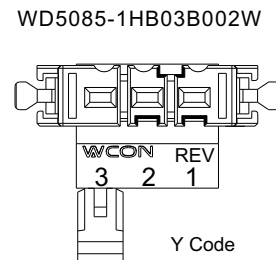
X Code



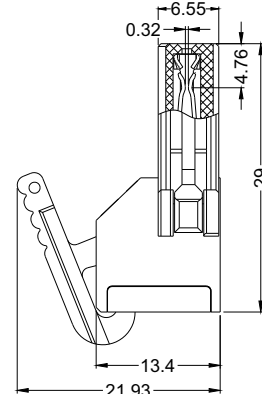
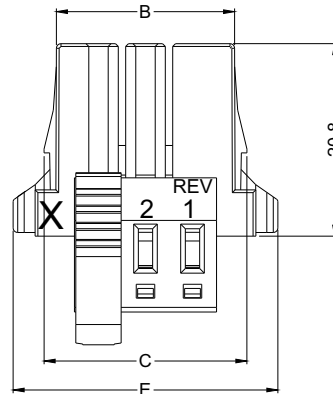
Y Code



X Code



Y Code



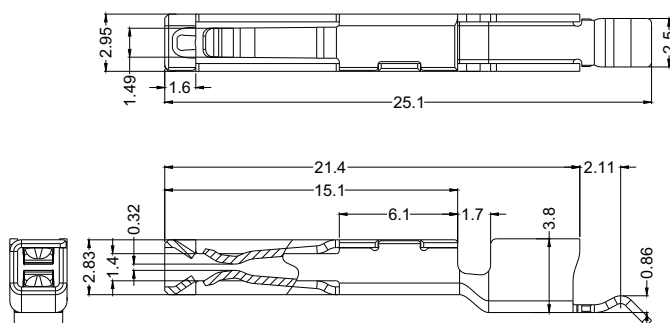
Pos.	A	B	C	E	X Code	Y Code
3	10.16	19.24	21.91	28.61	✓	
4	15.24	24.32	26.99	33.69	✓	
5	20.32	29.40	32.07	38.77	✓	
6	25.40	34.48	37.15	43.85	✓	

Pos.	A	B	C	E	X Code	Y Code
3	10.16	19.24	21.91	28.61	✓	
4	15.24	24.32	26.99	33.69	✓	
5	20.32	29.40	32.07	38.77	✓	
6	25.40	34.48	37.15	43.85	✓	

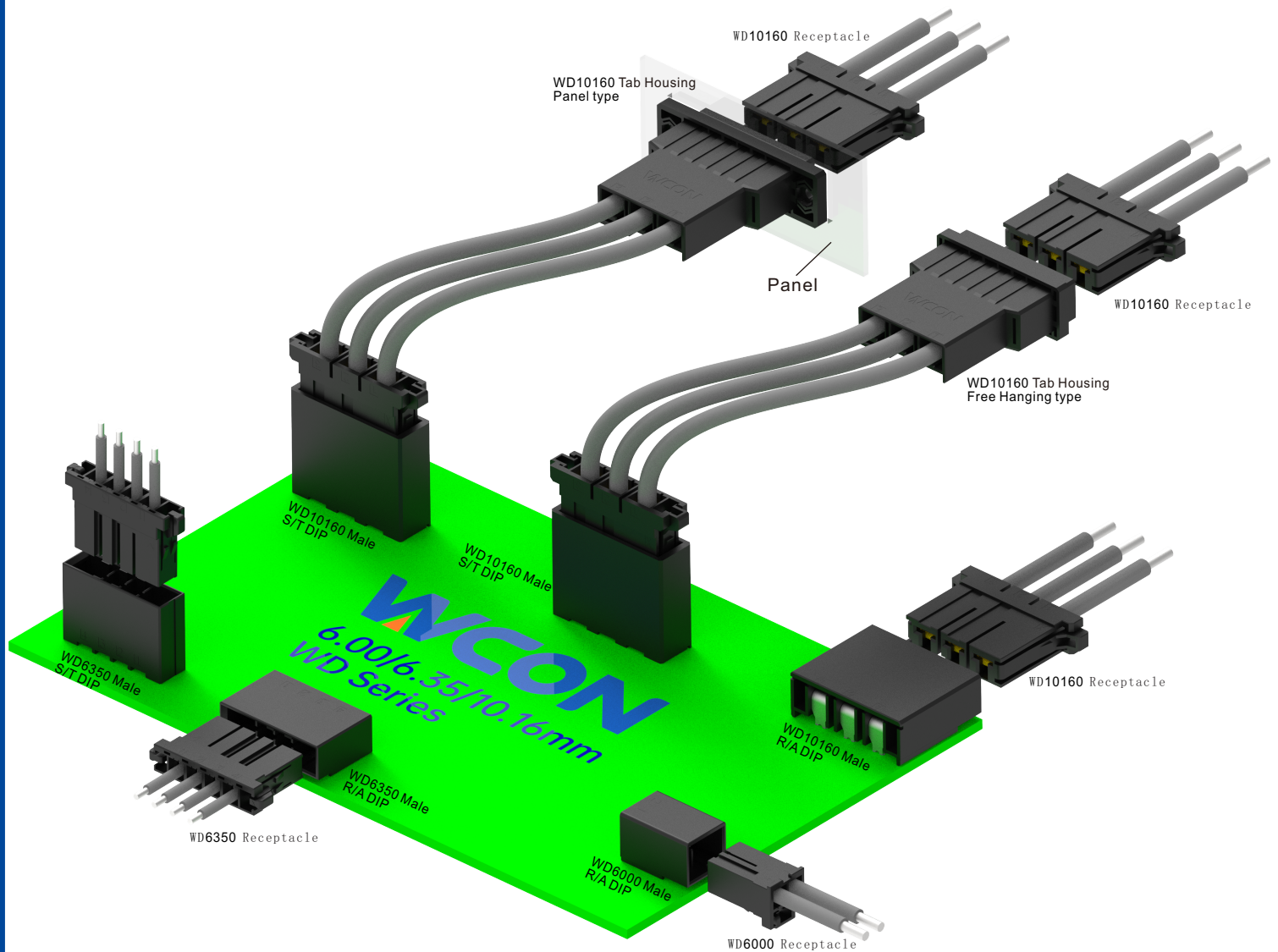
TERMINAL :

Material: Phosphor Bronze
Contact Plating: Sn Over Ni
Insulation O.D.: 0.80~3.40mm (Max.)
Wire Range: AWG#14~#28

TWD5085-3D4XXY01



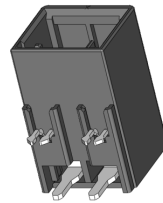
Board-Mounting
 S/T DIP: Vertical T/H
 R/A DIP: Horizontal T/H



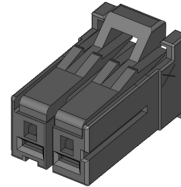


SPECIFICATIONS

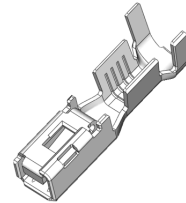
Current Rating: 24.0 AMP
 Contact Resistance: 5mΩ Max
 Insulation Resistance: 1000MΩ Min
 Withstand Voltage: 2200V AC/Minute
 Operation Temperature: -55°C to +105°C
 Contact Material: Copper Alloy
 Contact Plating: Sn or Au Over Ni
 Insulator Material: Polyester (UL94V-0)
 Standard: PBT, G.F
 Type: T



WD6000-1WR02W4BT01W



WD6000-1H02B001W



WD6350-3TD4XXS401

WD6000 - 1

WR

XX

W4

B

T

0

1

W

Board-Mounting
WR: R/A DIP

Positions
2

Contact plating area
W4=15u" Au/Matte Tin

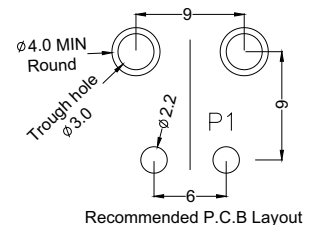
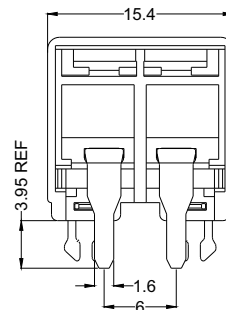
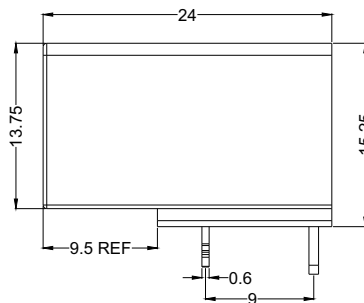
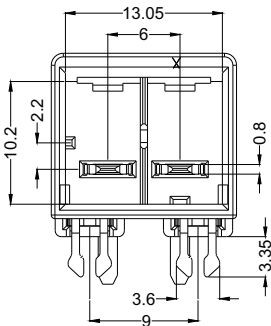
Color
B: Black

Packaging
T: Tube

Insulator
Material
0=LCP
1=PA9T
2=PBT

Key Code
1=X Code
2=Y Code

W: W/ Logo
Blank: W/O Logo



WD6000 - 1

H

XX

B

0

01

W

Row
1: Single Row

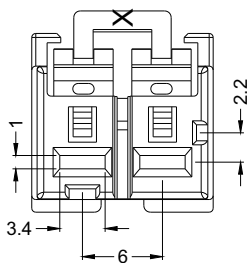
Positions
02P

Color
B: Black

Packaging
0: PE Bag

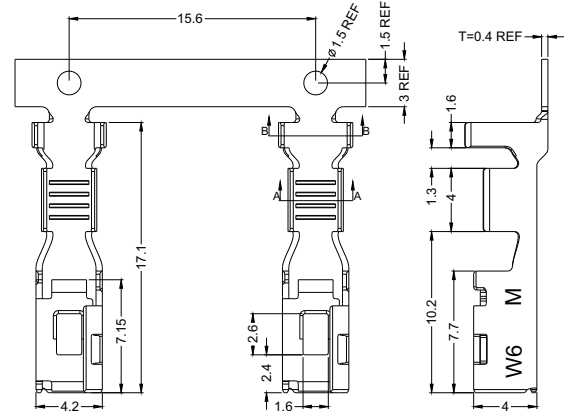
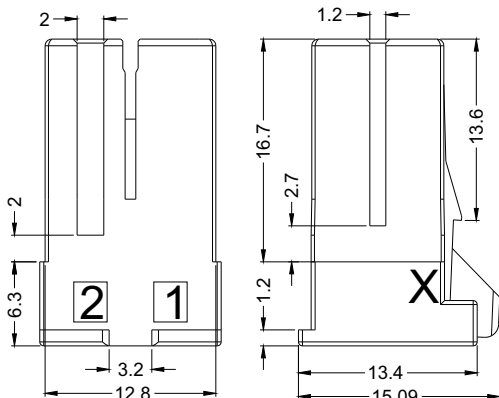
Key Code
01=X Code

N: W/O Logo
W: W/ Logo



TERMINAL :

Material: Copper Alloy
 Contact Plating: Sn Over Ni
 Insulation O.D.: 1.58~4.20mm (Max.)
 Wire Range: AWG#12~#22

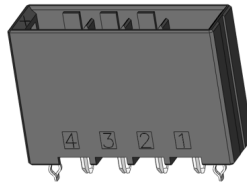


Part NO.	Note	A	B	C	D	E	F	G	Wire Range
WD6350-3TD412S401	L	3.80	4.30	1.31	0.40	5.50	6.20	4.00	14-12AWG
WD6350-3TD414S401	M	3.5	3.4	1.1	0.4	4.7	5.25	3.2	16-14AWG
WD6350-3TD416S401	S	3.5	2.7	1.1	0.4	4.3	4.95	2.9	20-16AWG
WD6350-3TD420S401	SS	2.73	2.05	0.53	0.25	4.0	4.1	2.3	22-20AWG

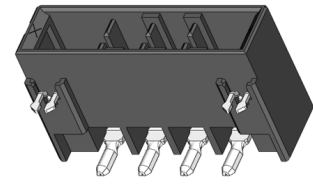


SPECIFICATIONS

Current Rating:
24A(2PIN); 23A(3PIN); 22A(4PIN)
Contact Resistance: 5mΩ Max
Insulation Resistance: 1000MΩ Min
Withstand Voltage: 2500V AC/Minute
Operation Temperature: -55°C to +105°C
Contact Material: Copper Alloy
Contact Plating: Sn or Au Over Ni
Insulator Material: Polyester (UL94V-0)
Standard: PBT, G.F
Type: T



WD6350-1WS04W4BT0X



WD6350-1WR04W4BT01W

WD6350 - 1

WS

Board-Mounting
WS: S/T DIP
WR: R/A DIP

XX

Positions
2, 3, 4

W4

Contact plating area
W4=15u"Au/Matte Tin

B

Color
B: Black

T

Packaging
T: Tube

0

Insulator
Material
0=LCP
1=PA9T
2=PBT

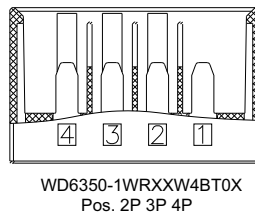
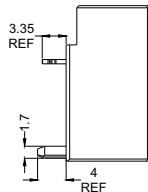
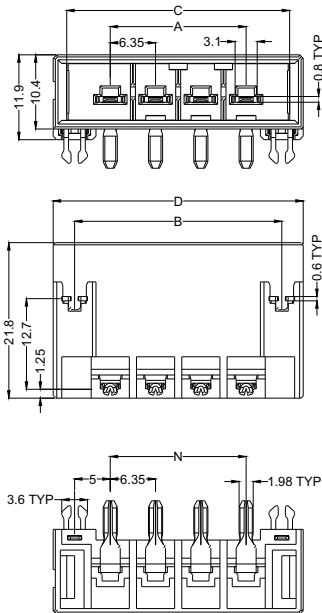
1

Key Code
1=X Code
2=Y Code

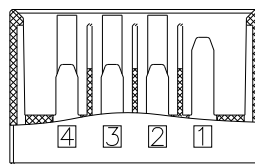
W

W: W/ Logo
Blank: W/O Logo

WD6350-1WR04W4BT01W

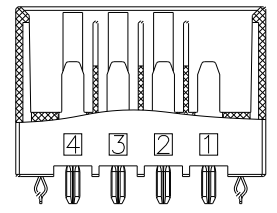
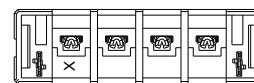
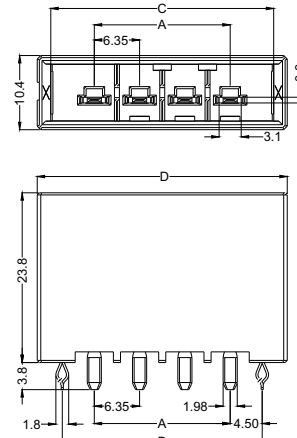


WD6350-1WRXXW4BT0X
Pos. 2P 3P 4P

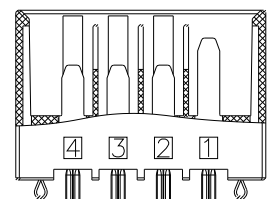


WD6350-1WRXXW4BT0X
Pos. 3P 4P

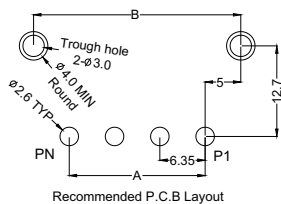
WD6350-1WS04W4BT0X



WD6350-1WSXXW4BT0X
Pos. 2P 3P 4P

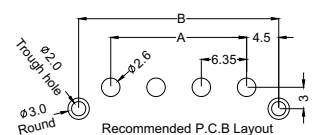


WD6350-1WSXXW4BT0X
Pos. 3P 4P



Pos.	N	A	B	C	D	X Code	Y Code
2	1	6.35	16.35	18.55	22.35	✓	
3	2	12.7	22.7	24.9	28.7	✓	
4	3	19.05	29.05	31.25	35.05	✓	

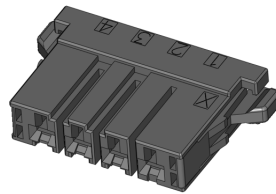
Pos.	N	A	B	C	D	X Code	Y Code
2	1	6.35	15.35	18.55	22.35	✓	
3	2	12.7	21.7	24.9	28.7	✓	
4	3	19.05	28.05	31.25	35.05	✓	



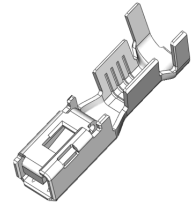


SPECIFICATIONS

Current Rating:
24A(2PIN); 23A(3PIN); 22A(4PIN)
Contact Resistance: 5mΩ Max
Insulation Resistance: 1000MΩ Min
Withstand Voltage: 2500V AC/Minute
Operation Temperature: -55°C to +105°C
Contact Material: Copper Alloy
Contact Plating: Sn or Au Over Ni
Insulator Material: Polyester (UL94V-0)
Standard: PBT, G.F
Type: T



WD6350-1H10B001W



WD6350-3TD4XXS401

WD6350 - 1 H XX

Row
1: Single Row

Positions
2, 3, 4

B

Color
B: Black

0

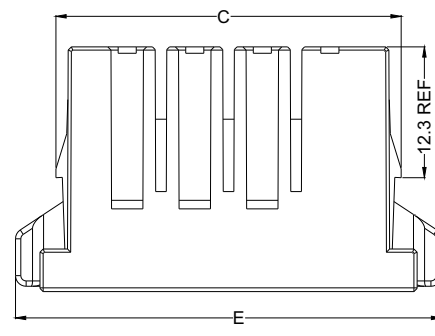
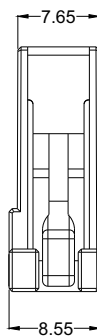
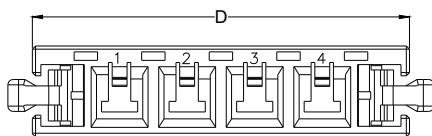
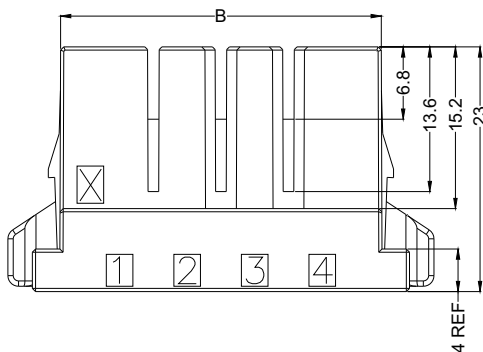
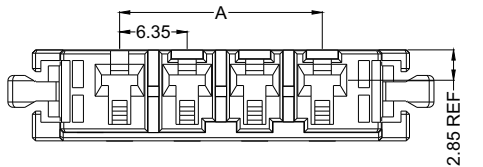
Packaging
0: PE Bag

01

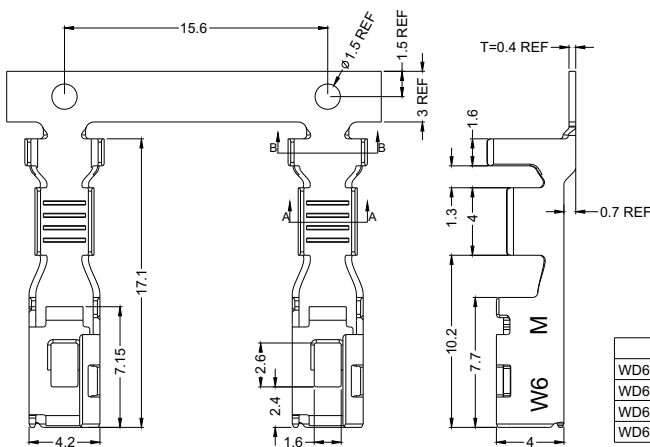
Key Code
01=X Code
02=Y Code

W

W: W/ Logo
Blank: W/O Logo

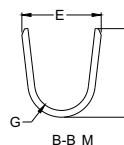
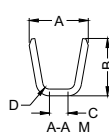


Pos.	A	B	C	D	E	X Code	Y Code
2	6.35	17.55	19.75	22.75	27.35	✓	
3	12.7	23.9	26.1	29.1	33.7	✓	
4	19.05	30.25	32.45	35.45	40.05	✓	



TERMINAL :

Material: Copper Alloy
Contact Plating: Sn Over Ni
Insulation O.D.: 0.80~3.40mm (Max.)
Wire Range: AWG#18~#22

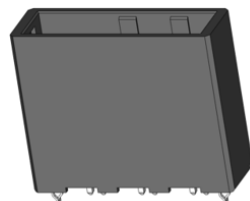


Part NO.	Note	A	B	C	D	E	F	G	Wire Range
WD6350-3TD412S401	L	3.80	4.30	1.31	0.40	5.50	6.20	4.00	14-12AWG
WD6350-3TD414S401	M	3.5	3.4	1.1	0.4	4.7	5.25	3.2	16-14AWG
WD6350-3TD416S401	S	3.5	2.7	1.1	0.4	4.3	4.95	2.9	20-16AWG
WD6350-3TD420S401	SS	2.73	2.05	0.53	0.25	4.0	4.1	2.3	22-20AWG

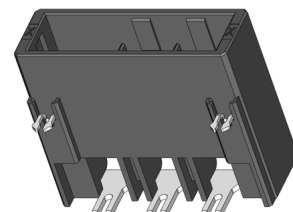


SPECIFICATIONS

Current Rating: 30.0 AMP
Contact Resistance: 2mΩ Max
Insulation Resistance: 1000MΩ Min
Withstand Voltage: 3000V AC/Minute
Operation Temperature: -40°C to +125°C
Contact Material: Copper Alloy
Contact Plating: Sn or Au Over Ni
Insulator Material: Polyester (UL94V-0)
Standard: PBT, G.F
Type: T

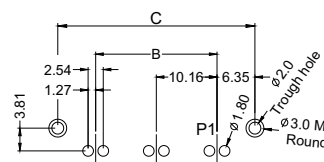
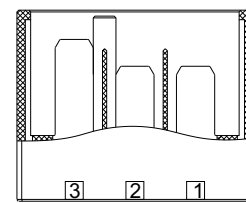
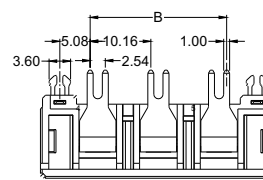
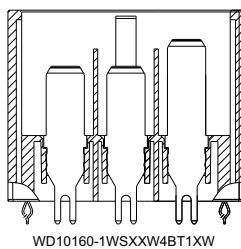
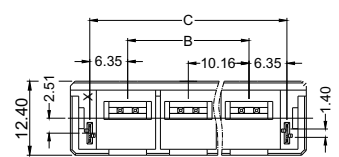
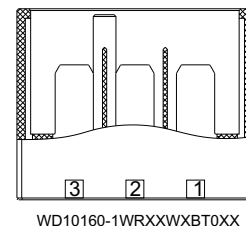
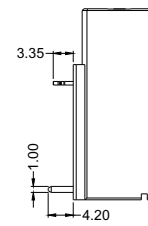
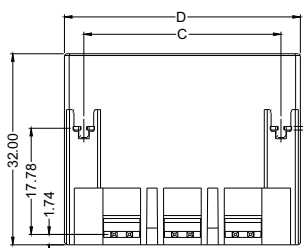
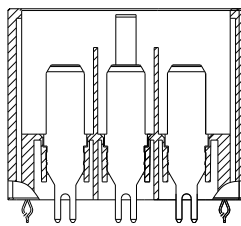
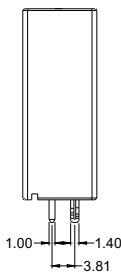
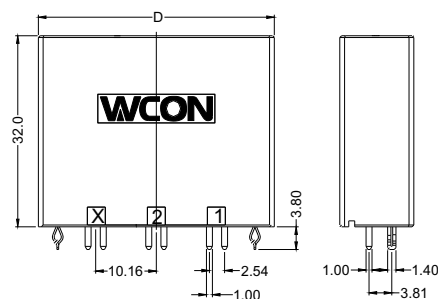
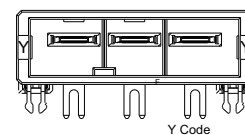
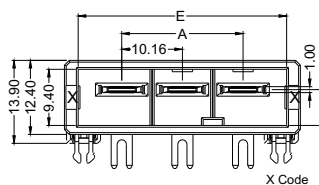
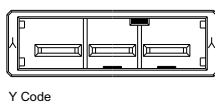
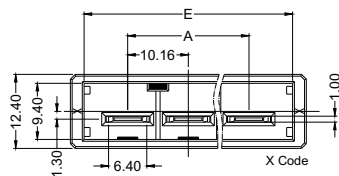


WD10160-1WS03W4BT0XW



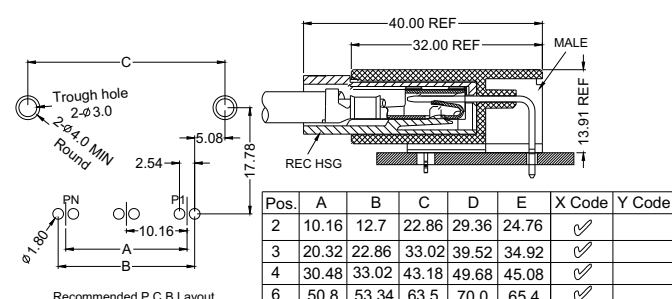
WD10160-1WR03W4BT01W

WD10160 - 1	WS	XX	W4	B	T	0	1	W
Board-Mounting WS: S/T DIP WR: R/A DIP	Positions 2, 3, 4, 6	Contact plating area W4=15u"Au/Matte Tin	Color B: Black	Packaging T: Tube	Key Code 1=X Code 2=Y Code	W: W/ Logo Blank: W/O Logo		



Recommended P.C.B Layout

Pos.	A	B	C	D	E	X Code	Y Code
2	10.16	10.16	22.86	29.36	24.76	✓	
3	20.32	20.32	33.02	39.52	34.92	✓	
4	30.48	30.48	43.18	49.68	45.08	✓	
6	50.8	50.8	63.5	70.0	65.4	✓	

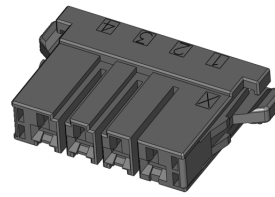


Recommended P.C.B Layout

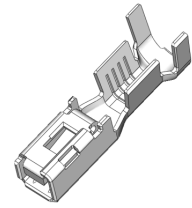
Pos.	A	B	C	D	E	X Code	Y Code
2	10.16	12.7	22.86	29.36	24.76	✓	
3	20.32	22.86	33.02	39.52	34.92	✓	
4	30.48	33.02	43.18	49.68	45.08	✓	
6	50.8	53.34	63.5	70.0	65.4	✓	

SPECIFICATIONS

Current Rating: 30.0 AMP
 Contact Resistance: 2mΩ Max
 Insulation Resistance: 1000MΩ Min
 Withstand Voltage: 3000V AC/Minute
 Operation Temperature: -40°C to +125°C
 Contact Material: Copper Alloy
 Contact Plating: Sn or Au Over Ni
 Insulator Material: Polyester (UL94V-0)
 Standard: PBT, G.F
 Type: T

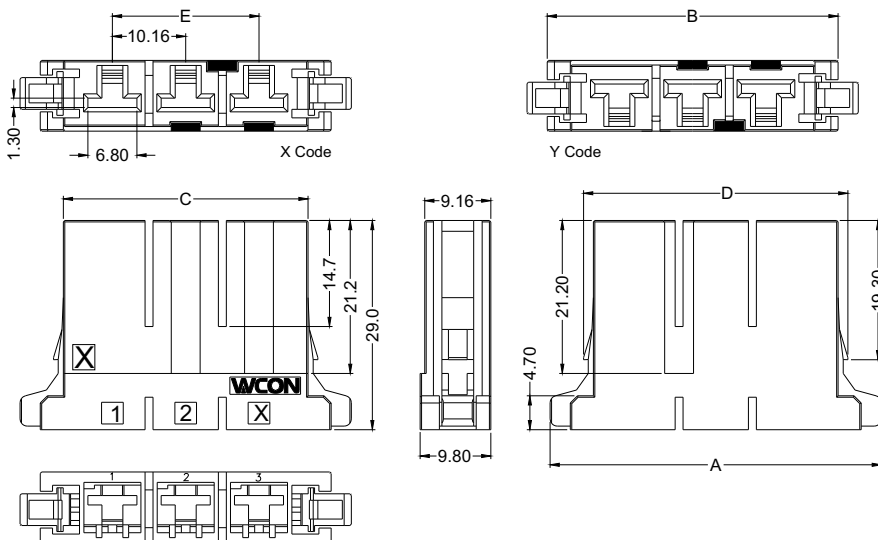


WD10160-1H04B001W

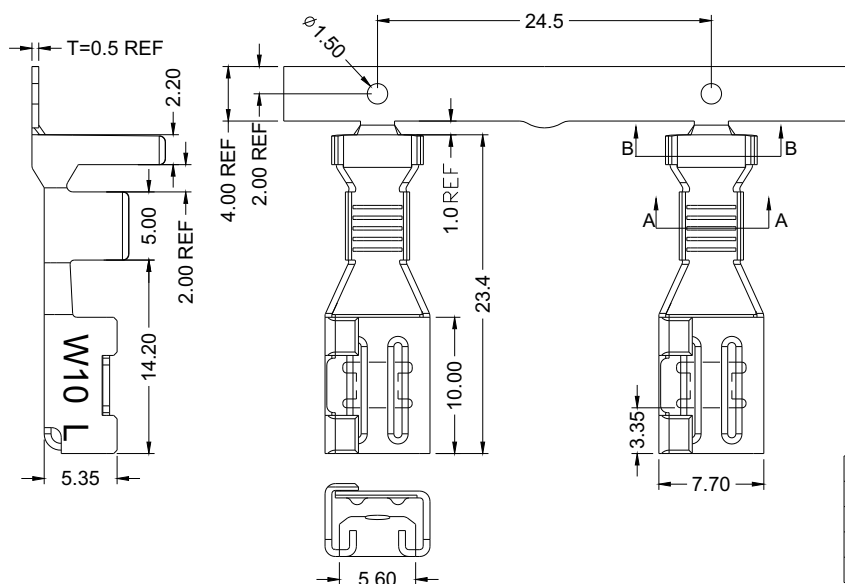


WD10160-3TD4XXS401

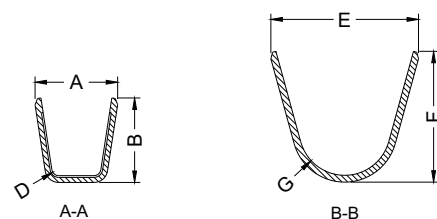
WD10160 - 1 H XX B 0 01 W
 Row 1: Single Row
 Positions 2, 3, 4, 6
 Color B: Black
 Packaging 0: PE Bag
 Key Code 01=X Code 02=Y Code
 W: W/ Logo Blank: W/O Logo



Pos.	A	B	C	D	E	F	X Code	Y Code
2	35.76	30.16	23.76	26.06	10.16	19.28	✓	
3	45.92	40.32	33.92	36.22	20.32	29.44	✓	
4	53.68	50.48	44.08	46.38	30.48	39.62	✓	
6	73.02	70.80	64.40	66.70	50.80	59.92	✓	



TERMINAL:
 Material: Copper Alloy
 Contact Plating: Sn Over Ni
 Insulation O.D.: 1.8-7.8mm (Max.)
 Wire Range: AWG#20~#8

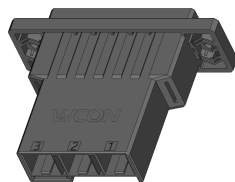


Part NO.	Note	A	B	D	E	F	G	Wire Range
WD10160-3TD408S401	L	6.2	6.2	R0.5	11.1	9.6	R3.35	8AWG
WD10160-3TD410S401	M	4.8	4.8	R0.53	6.8	7.81	R2.5	12-10AWG
WD10160-3TD414S401	S	3.5	3.7	R0.48	5.5	6.0	R1.9	16-14AWG
WD10160-3TD416S401	SS	3.5	3.0	R0.40	4.76	5.07	R1.62	20-16AWG

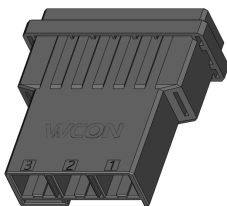


SPECIFICATIONS

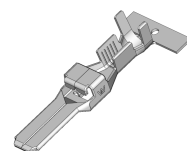
Current Rating: 35.0 AMP
Contact Resistance: 2mΩ Max
Insulation Resistance: 1000MΩ Min
Withstand Voltage: 3000V AC/Minute
Operation Temperature: -55°C to +105°C
Contact Material: Copper Alloy
Contact Plating: Sn or Au Over Ni
Insulator Material: Polyester (UL94V-0)
Standard: PBT, G.F
Type: T



WD10160-1HG03B001W

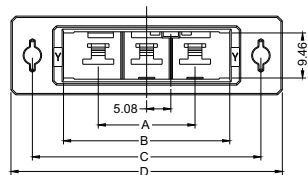


WD10160-1HK03B001W

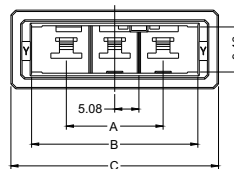
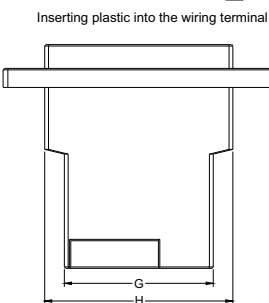
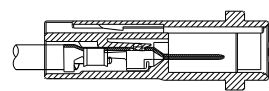


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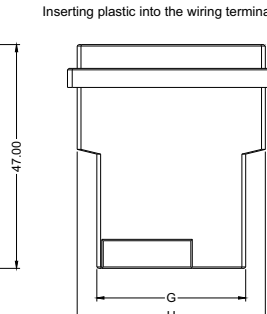
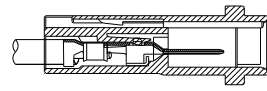
WD10160 -	<u>1</u>	<u>H</u>	<u>K</u>	<u>XX</u>	<u>B</u>	<u>0</u>	<u>01</u>	<u>W</u>
	Row 1: Single Row		K: Type-K G: Type-G	Positions 2, 3, 4, 6	Color B: Black	Packaging 0: PE Bag	Key Code 01=X Code 02=Y Code	W: W/ Logo Blank: W/O Logo



WD10160-1HKXXB001W

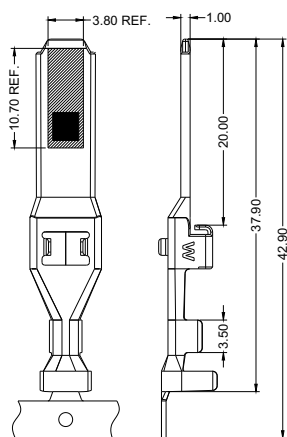


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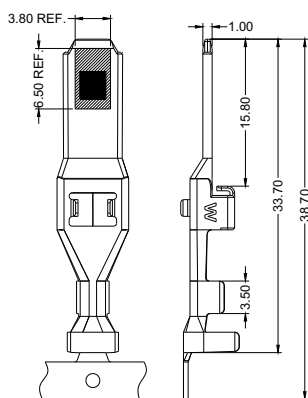


Pos.	A	B	C	D	E	F	G	H	X code	Y code
2	10.16	24.76	38.0	47.0	29.36	15.24	21.11	29.36	✓	
3	20.32	34.92	48.0	57.0	39.52	25.4	31.27	39.52	✓	
4	30.48	45.08	58.16	67.16	49.68	35.56	41.43	49.68	✓	
6	50.80	65.40	78.48	87.48	70.0	55.88	61.75	70.0	✓	

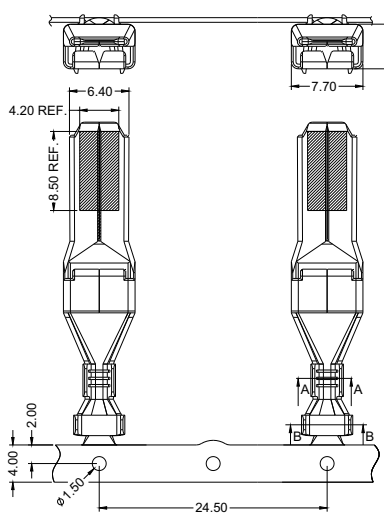
Pos.	A	B	C	E	F	G	H	X code	Y code
2	10.16	24.76	33.44	29.36	15.24	21.11	29.36		
3	20.32	34.92	43.60	39.52	25.4	31.27	39.52	✓	
4	30.48	45.08	53.76	49.68	35.56	41.43	49.68		
6	50.80	65.40	74.08	70.0	55.88	61.75	70.0		



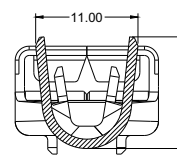
WD10160-MTD408S202



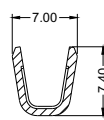
WD10160-MTD408S201



TERMINAL:
Material: Copper Alloy
Contact Plating: Sn Over Ni
Insulation O.D.: 2.35~7.80mm (Max.)
Wire Range: AWG#16~#8



SECTION-B-B
SCALE:2:1



SECTION-A-A
SCALE:2:1

Part NO.	Mark	A	B	C	D	Wire Range
WD10160-MTD408S201/2	L	22.20	19.20	12.40	12.40	8AWG
WD10160-MTD410S201/2	M	13.60	15.32	9.60	9.60	10-12AWG
WD10160-MTD414S201/2	S	11.00	12.00	7.00	7.40	14-16AWG