



TECHNICAL SPECS:

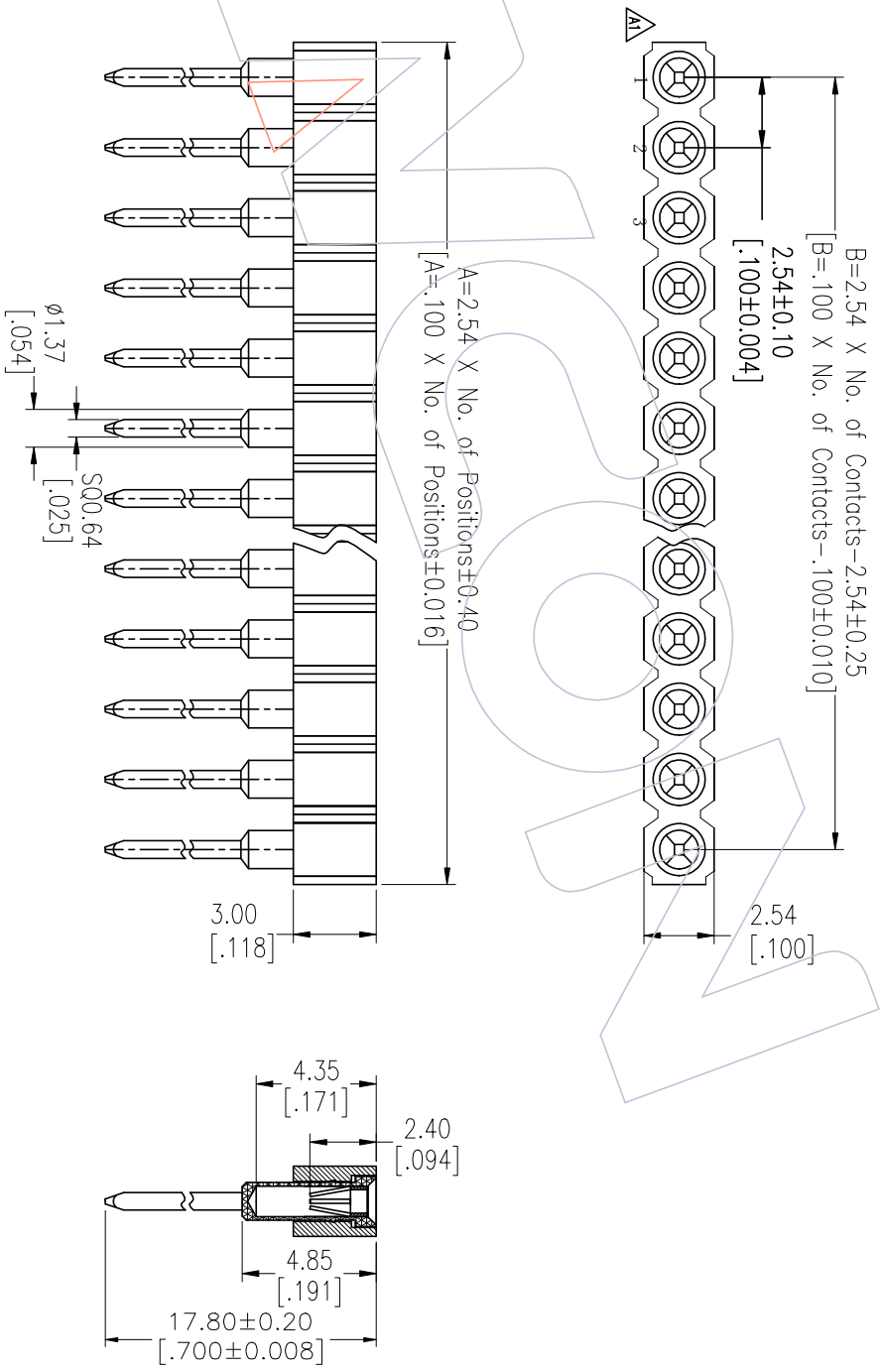
Current Rating: 3.0AMP  
 Contact Resistance: 10m Ω Max  
 Dielectric Strength: Min 1000Vrms  
 Mechanical Life: Min 500 cycles  
 Mating Pin:  $\phi 0.40$  to  $\phi 0.56$ mm  
 Forces: (polished steel gauge  $\phi 0.47$ mm)  
 Insertion: 200g Max/Pin, Withdrawal: 60g Min/Pin  
 Operation Temperature: -40°C to +105°C

Sleeve: Brass CuZn36Pb3(C36000)  
 Contact Clip(4 finger): BeCu(C17200)  
 Insulator Material: PPS+30%G.F(Ul94V-0)

## Ordering Information

3520-301 XX S XX 178 X 1

No. of Pin 2-50PIN  
 Contact Plating  
 SO=Gold Flash/Tin  
 S3=10u"Gold/Tin  
 S4=15u"Gold/Tin  
 S5=30u"Gold/Tin  
 SN=Tin  
 Packing  
 A=Tray  
 T=Tube



Recommended P.C.B Layout(Top Side)  
 (PCB BOARD TOLERANCE±0.05)

Item	Pitch	Mating
Standard	2.54	3510
Alternate		

OPERATION		DRAW		PART NO.		TITLE:		
XX	±0.40	CP	DATE	3520-301XXSXX178X1	2.54mm MACHINED FEMALE HEADER			
XX	±0.25	CHECK	2024/03/19		SINGLE ROW 180° H=3.00 L=17.8 SQUARE PIN			
X.XXX	±0.15	ANGLE	DATE		Customer NO.			
Angle	± 3°	APPROVE	DATE		Customer NO.			
DIM	TOL	PROJ.			Customer NO.			
MODIFICATION DESCRIPTION				CHANGE	Customer NO.			
REV	DATE							
A1	2024/03/19	Modify Drawing						
A0	2012/10/18	NEW						
WCON-Dongguan Http: www.wcon.com Tel: +86 769 85358920 Fax: +86 769 85358915 E-mail: sales@wcon.com				WCON-Kunshan Tel: +86 512 57468408 Fax: +86 512 57468468 E-mail: sales@wcon.com				