



**TECHNICAL SPECS:**

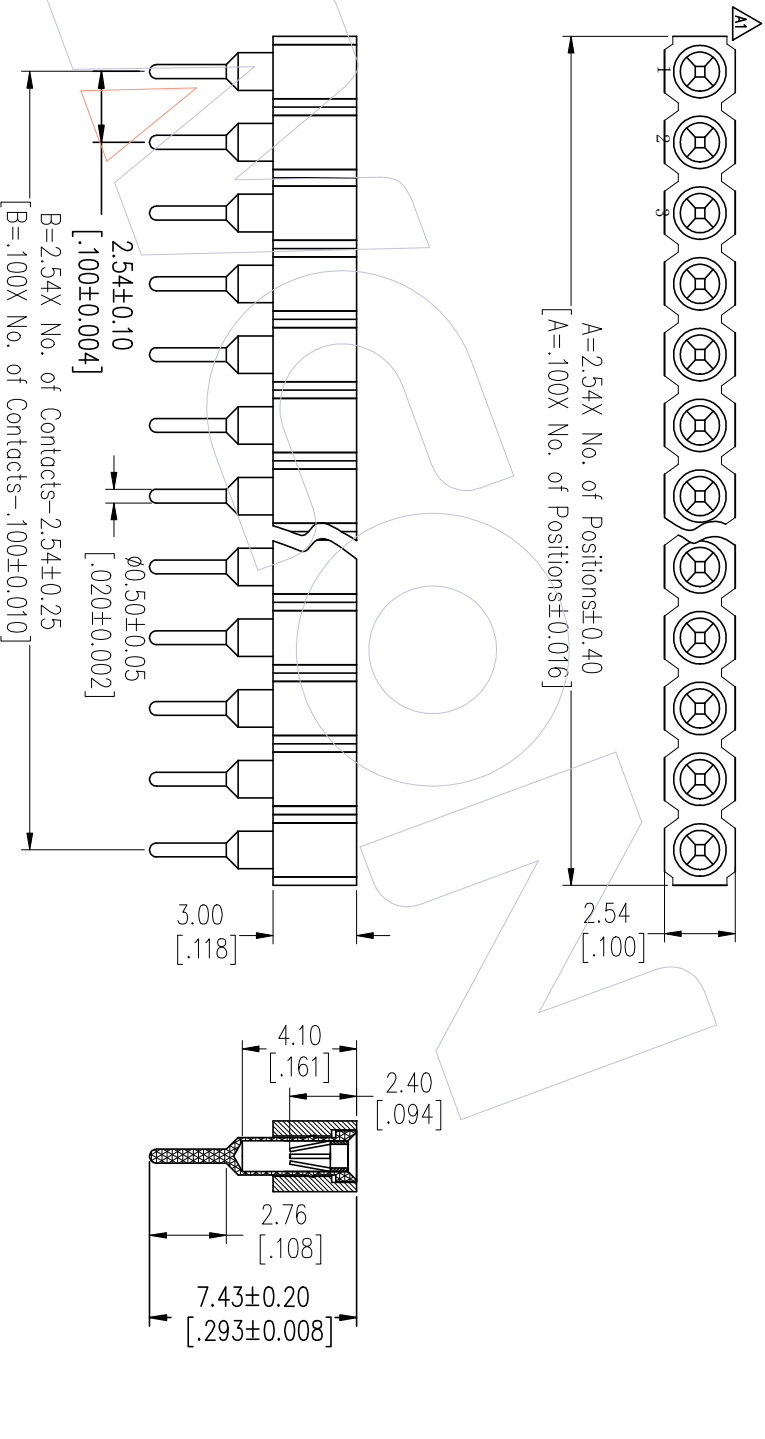
Current Rating: 3.0AMP  
 Contact Resistance: 10m Ω Max  
 Dielectric Strength: Min 1000Vrms  
 Mechanical Life: Min 500 cycles  
 Mating Pin:  $\varnothing 0.40$  to  $\varnothing 0.56$ mm  
 Forces: (polished steel gauge  $\varnothing 0.47$ mm)  
 Insertion: 200g Max/Pin, Withdrawal: 60g Min/Pin  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

Sleeve: Brass CuZn36Pb3(C360000)  
 Contact Clip(4 finger): BeCu(C17200)  
 Insulator Material: PPS+30%G.F(UL94V-0)

**Ordering Information**

3520-301 XX S XX 074 X 1

No. of Pin  
2-50PIN  
Contact Plating  
S0=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		

REV	DATE	MODIFICATION DESCRIPTION	CHANGE DIM	OPERATION	DRAW	DATE	SCALE	FIT	PART NO.	TITLE:	WCON-Dornguon	WCON-Kunston
A1	2024/03/20	Modify Drawing		XX	CP	2024/03/20	mm	A4	3520-301XXSXX074X1	2.54mm MACHINED FEMALE HEADER SINGLE ROW 180° H=3.00 L=7.43	Http: www.wcon.com	
A0	2012/10/18	NEW		X.XXX	CHECK	DATE	UNIT	A4			Tel: +86 769 85358920	Tel: +86 512 57468408
				X.XXX	CHECK	DATE	SIZE	A4			Fax: +86 769 85358915	Fax: +86 512 57468468
				Angle	APPROVE	DATE	SHEET	1/1	Customer NO.		E-mail: sales@wcon.com	E-mail: sales@wcon.com
				± 3°			PROJ.					
				TOL								



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