

# Technical Data

**Material:**

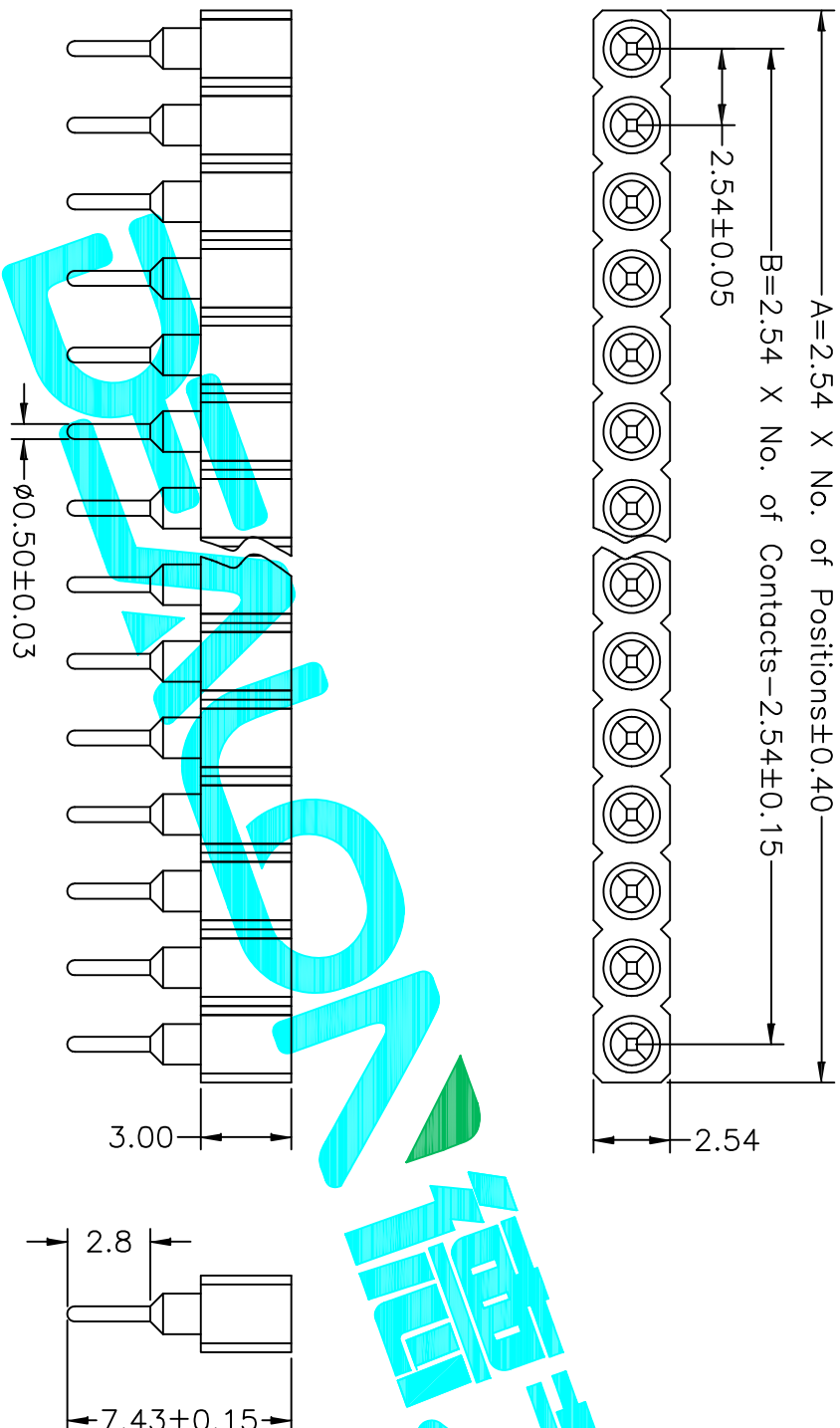
Pin(outer sleeve): Brass,machined CuZn38Pb2  
 Clip(contact 4 finger): Beryllium Copper,heat treated  
 Plating(outer sleeve):  
 Tin plated:2µm/80µr"Ni, 5µm/200µr"Sn  
 Gold Plated:2µm/80µr"Ni,Full gold  
 Plating(contact): 2µm/80µr"Ni, gold or Tin plated  
 Insulator(black): Glass filled thermoplastic polyester  
**UL94V-0**

**Electrical:**

Current rating: 3Amps/contact max.  
 Contact resistance: 54mΩ/contact  
 Insulation resistance: > 1000MΩ at V=100V  
 Operating voltage: 60VAC/DC

**Mechanical:**

Average insertion force with steel pin of  
 Ø0.43mm/0.17": <250g  
 Average withdrawal force with steel pin of  
 Ø0.43mm/0.17": >50g min.  
 Mechanical life cycle:min.200  
 Operating temperatures: Gold Plated:-55°C to+105°C  
 Tin plated:-40°C to+105°C



APPROVALS		DATE	TITLE:	
DRAWN	G.M.Chen	2015/7/17	Connector	
CHECKED			ELECTRONICS CO.,LTD	
APPROVALS				
PART NO.		MW254R-11-XX-74	UNIT:	mm
SCALE:		1:1	SHEET	1 OF 1
DRAWING NO.			PROJ.	
ECN NO.	REV.	DATE.	DESCRIPTION.	
	A		NEW	
CHANGE.	CHECK.	APPRO.	TOLERANCES ARE	
			30 <sup>±0.15</sup>	±0.30
			10 <sup>±0.30</sup>	±0.20
			5 <sup>±0.10</sup>	±0.15
			~ 5	±0.10
			±2'	ANGLE

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