

# Technical Data

**Material:**

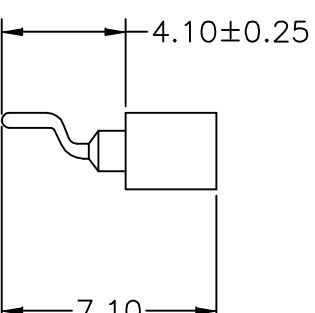
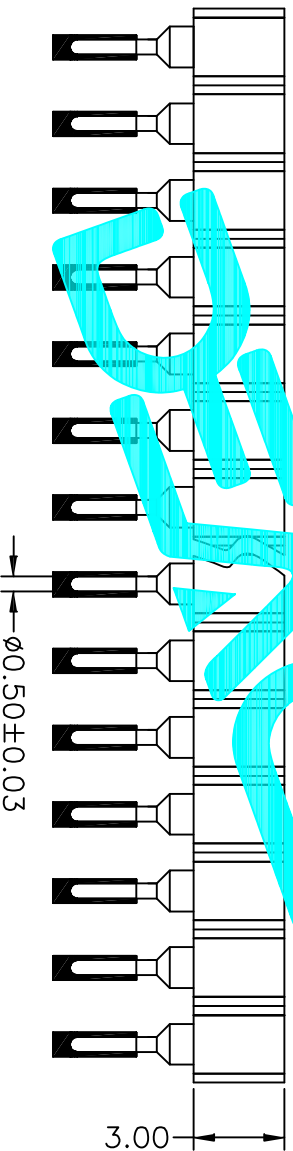
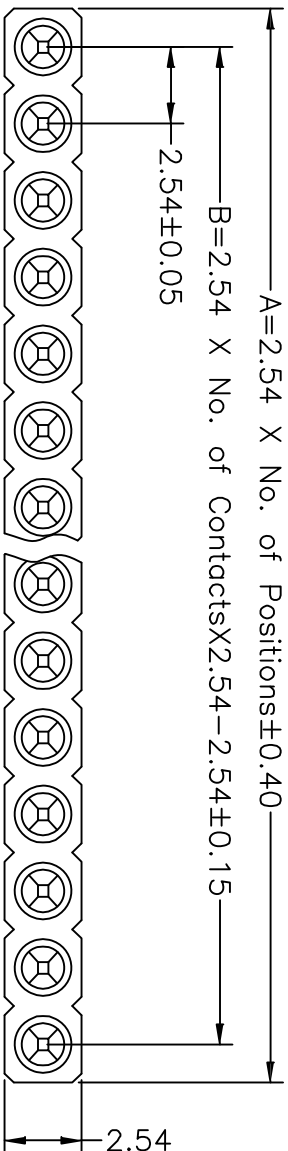
Pin(outer sleeve): Brass,machined CuZn38Pb2  
 Clip(contact 4 finger): Beryllium Copper,heat treated  
 Plating(outer sleeve):  
 Tin plated:2µm/80µr"Ni, 5µm/200µr"Sn  
 Gold Plated:2µm/80µr"Ni,Full gold  
 Plating(contact): 2µm/80µr"Ni, gold or Tin plated  
 Insulator(black): Glass filled thermoplastic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

**Electrical:**

Current rating: 3Amps/contact in ax.  
 Contact resistance: 54mΩ/contact  
 Insulation resistor: 100MΩ at V=100V

**Operating temperature:**

Mechanical:  
 Average insertion force with steel pin of  
 0.63mm/0.117" <250g  
 Average withdrawal force with steel pin of  
 0.41mm/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	DRAWING NO.	
DRAWN	G.M.Chen	2015/7/17	MW254S-11-XX-73	
CHECKED			ELECTRONICS CO.,LTD	
APPROVALS			Connector	

ECN NO.	REV.	DATE.	DESCRIPTION.	CHANGE.	CHECK.	APPRO.	TOLERANCES ARE	ANGLE	UNIT:	SCALE:	SHEET	PROJ.
	A		NEW				30 <sup>±0.15</sup>	±2°	mm	1:1	1 OF 1	
							10 <sup>±0.10</sup>					
							5 <sup>±0.13</sup>					

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