

# Technical Data

**Material:**

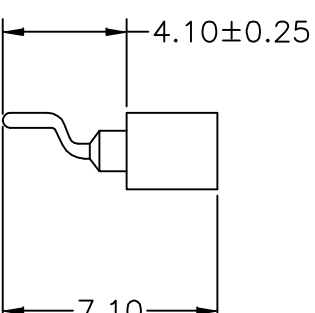
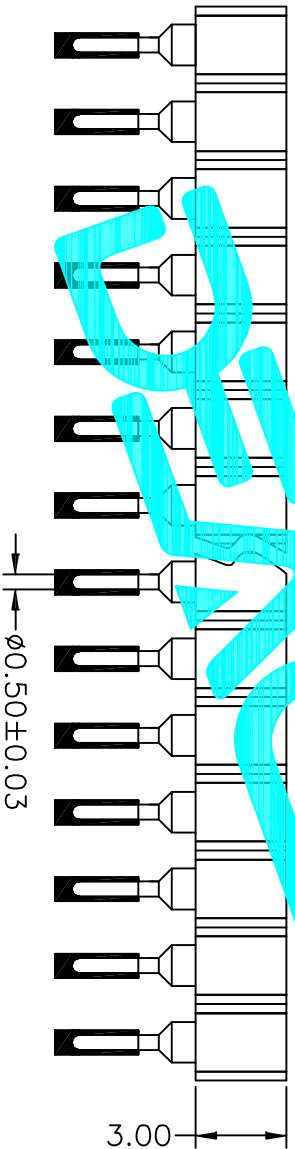
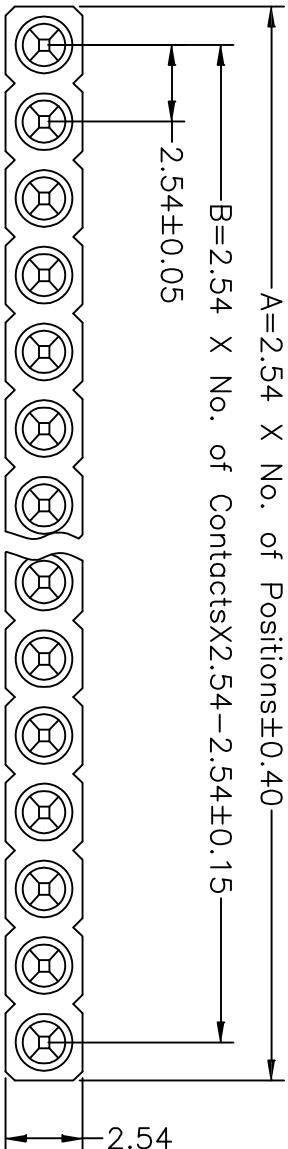
Pin(outer sleeve): Brass,machined CuZn38Pb2  
 Clip(contact 4 finger): Beryllium Copper,heat treated  
 Plating(outer sleeve):  
 Tin plated:2µm/80µ"Ni, 5µm/200µ"Sn  
 Gold Plated:2µm/80µ"Ni,Full gold  
 Plating(contact): 2µm/80µ"Ni, gold or Tin plated  
 Insulator(black): Glass filled thermoplastic 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  
 0.76mm/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				
APPROVALS				
PART NO. MW254S-11-XX-73				
UNIT: mm				
SCALE: 1:1				
DRAWING NO.				
SHEET 1 OF 1				
PROJ.				

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