

# Technical Data

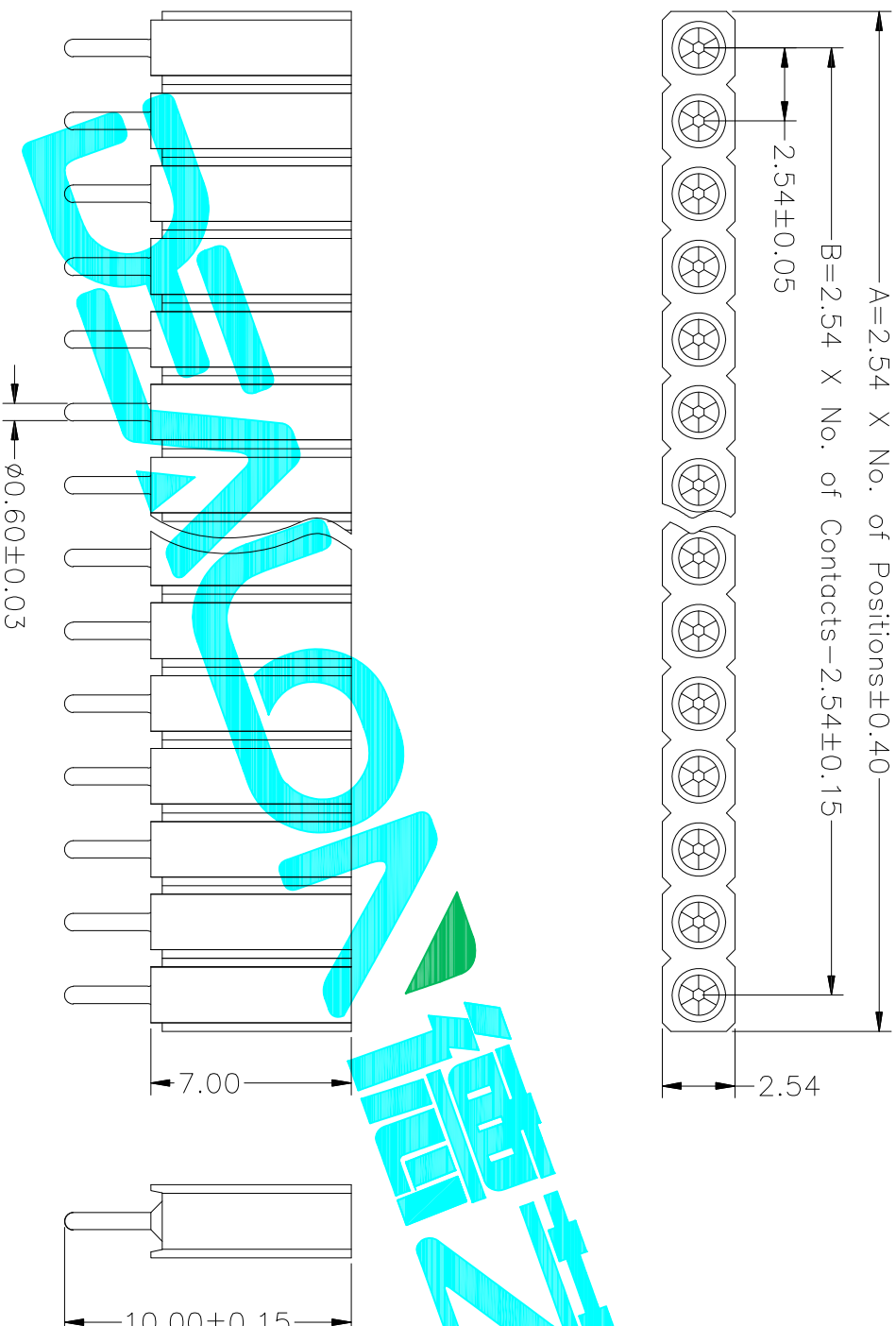
**Material:**  
 Pin(outer sleeve): Brass,machined CuZn38Pb2  
 Clip(contact 6 finger): Beryllium Copper,heat treated  
 Plating(outer sleeve):  
 Tin plated:2µm/80µ"Ni, 5µm/200µ"Sn  
 Gold Plated:2µm/80µ"Ni,Full gold  
 Plating(contact): 2µm/80µ"Ni, gold or Tin plated  
 Insulator(black): Glass filled thermoplastic polyester  
 (UL94V-0)

**Electrical:**

Current rating: 3Amps/contact max.  
 Contact resistance:  $\leq 4m\Omega$ /contact  
 Insulation resistance:  $\geq 1000M\Omega$  at V=100V  
 Operating voltage: 60VAC/DC

**Mechanical:**

Average insertion force :  $< 250g$   
 with steel pin of  $\phi 0.7mm-\phi 0.8mm$  or SQ0.64mm  
 Average withdrawal force :  $> 50g$   
 with steel pin of  $\phi 0.7mm-\phi 0.8mm$  or SQ0.64mm  
 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	MW254R-11-XX-10	
CHECKED			SCALE: 1:1	
APPROVALS			SHEET 1 OF 1	
CHECKED			PROJ.	
APPROVALS			PART NO. MW254R-11-XX-10	
CHECKED			UNIT: mm	
APPROVALS			DRAWING NO.	
CHECKED			TITLE: Connector	
APPROVALS			ANGLE	
CHECKED			±2°	
APPROVALS			TOLERANCES ARE	
CHECKED			30 <sup>±0.15</sup> ±0.30	
APPROVALS			10 <sup>±0.10</sup> ±0.20	
CHECKED			5 <sup>±0.10</sup> ±0.15	
APPROVALS			~ 5	
ECN NO.	REV.	DATE.	DESCRIPTION.	
	A		NEW	

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