

# 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: <math>54m\Omega/</math>contact

Insulation resistance:  $\geq 1000M\Omega$  at  $V=100V$

Operating voltage: 60VAC/DC

**Mechanical:**

Average insertion force : <math><250g</math>

with steel pin of  $\varnothing 0.7mm-\varnothing 0.8mm$  or  $SQ0.64mm$

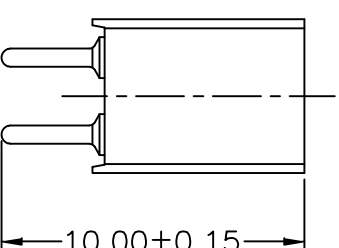
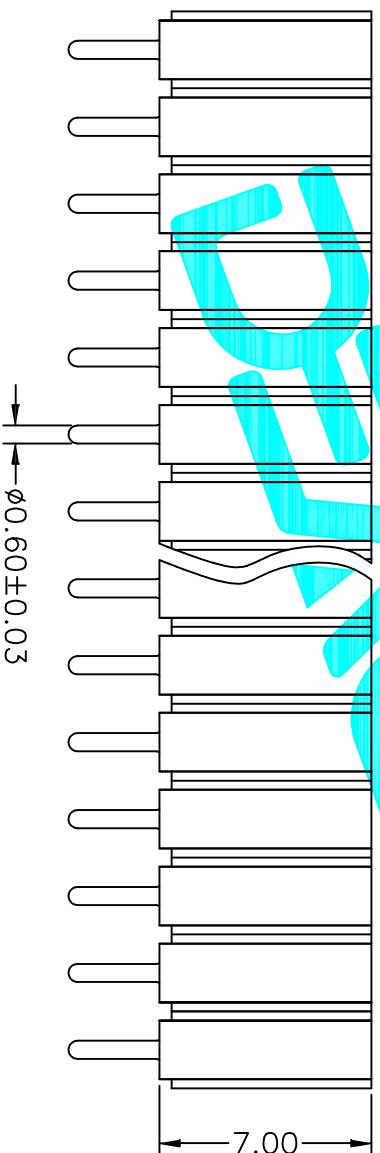
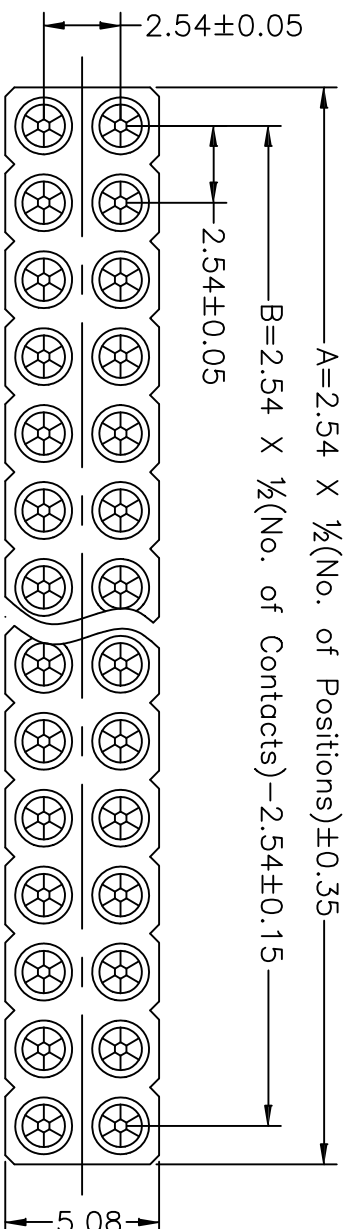
Average withdrawal force :  $>50g$

with steel pin of  $\varnothing 0.7mm-\varnothing 0.8mm$  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	TITLE:	
DRAWN	G.M.Chen	2015/7/17	Connector	
CHECKED			ELECTRONICS CO.,LTD	
APPROVALS			Connector	
PART NO.		MW254R-22-XX-10	UNIT:	mm
SCALE:		1:1	SHEET	1 OF 1
DRAWING NO.			PROJ.	
TOLERANCES ARE		30 <sup>+0.15</sup> ±0.30	ANGLE	±2°
		10 <sup>+0.10</sup> ±0.20		
		5 <sup>+0.10</sup> ±0.15		
		~ 5		
ECN NO.	REV.	DATE.	DESCRIPTION.	
	A		NEW	
			CHANGE.	
			CHECK.	
			APPRO.	



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