

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: $54m\Omega/$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 $\varnothing Q0.64mm$

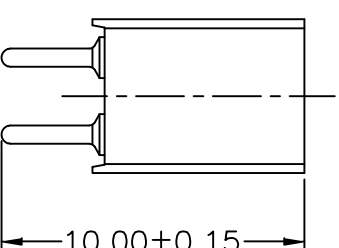
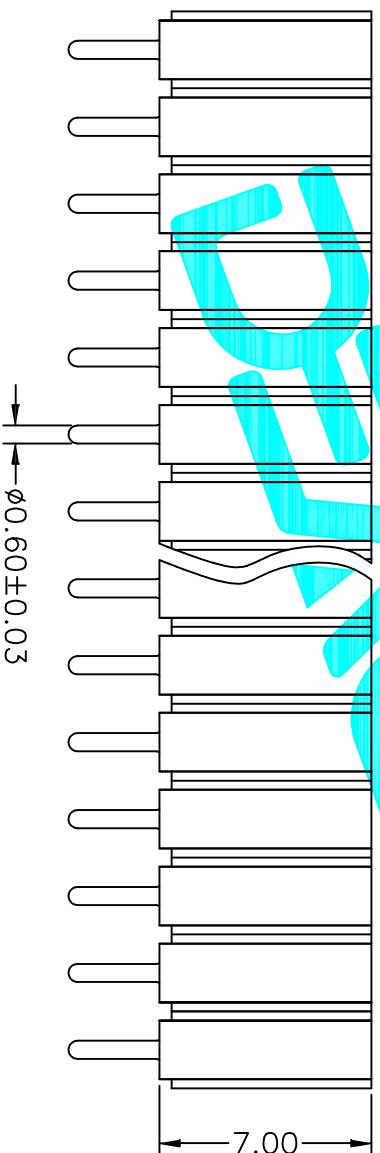
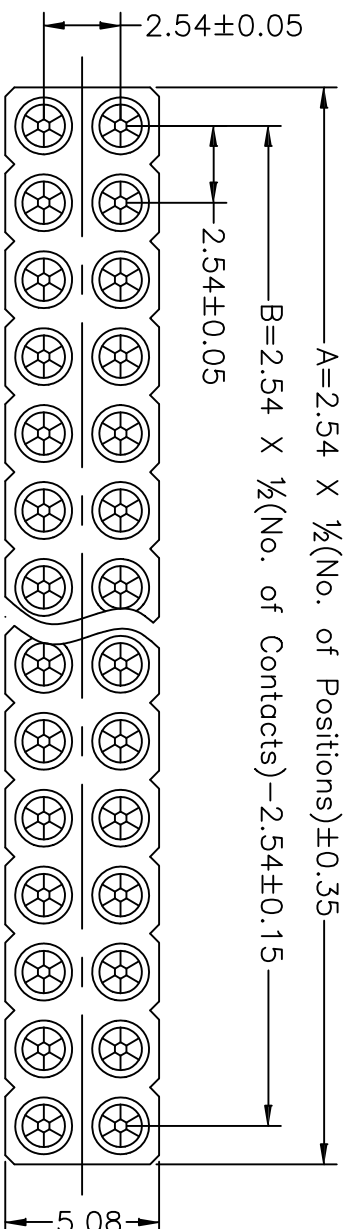
Average withdrawal force : $>50g$

with steel pin of $\varnothing 0.7mm-\varnothing 0.8mm$ or $\varnothing Q0.64mm$

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	SCALE:	1:1
TOLERANCES ARE		30 ^{+0.15} ±0.30	UNIT:	mm
		10 ^{+0.10} ±0.20	SCALE:	1:1
		5 ^{+0.10} ±0.15	ANGLE	±2°
		~ 5 ±0.10	DRAWING NO.	
ECN NO.	REV.	DATE.	DESCRIPTION.	CHANGE.
	A		NEW	CHECK.
				APPRO.

$\varnothing 0.60 \pm 0.03$

7.00

10.00±0.15

2.54±0.05

2.54±0.05

B=2.54 X 1/2(No. of Contacts)-2.54±0.15

A=2.54 X 1/2(No. of Positions)±0.35

5.08

$\varnothing 0.60 \pm 0.03$

7.00

10.00±0.15

2.54±0.05

2.54±0.05

B=2.54 X 1/2(No. of Contacts)-2.54±0.15

A=2.54 X 1/2(No. of Positions)±0.35

5.08

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