

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:≤4mΩ/contact

Insulation resistance:≥1000MΩ at V=100V

Operating voltage: 60VAC/DC

Mechanical:

Average insertion force : <250g

with steel pin of φ0.7mm-φ0.8mm or SQ0.64mm

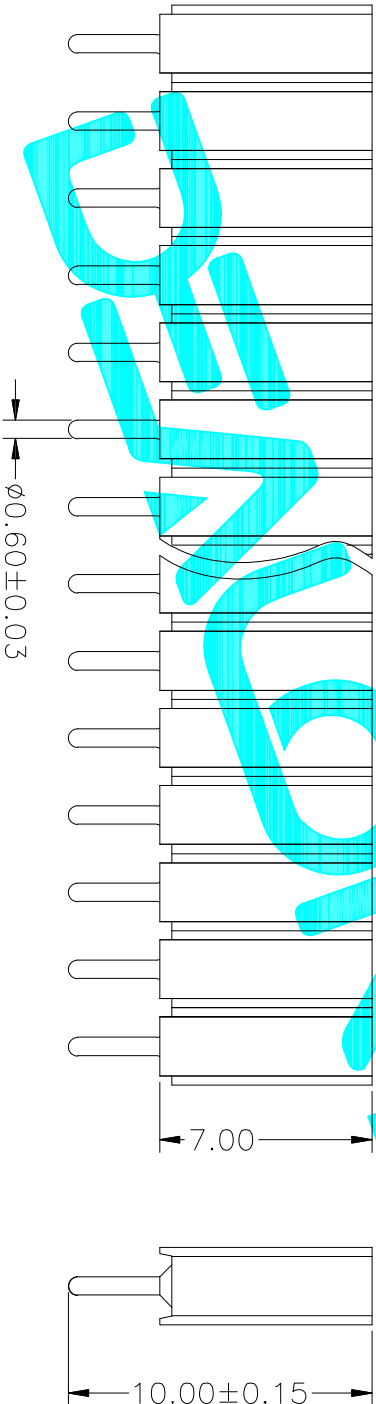
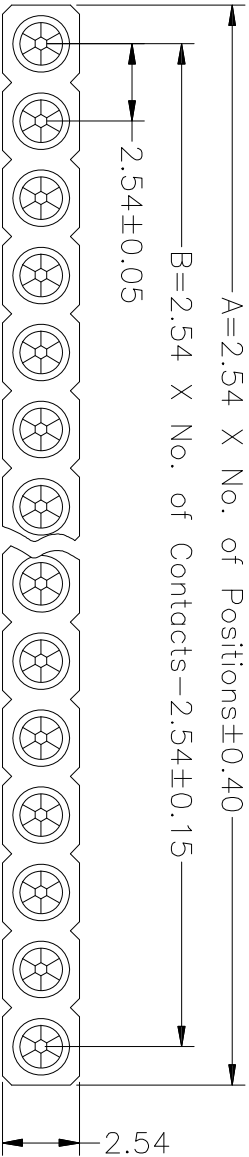
Average withdrawal force : >50g

with steel pin of φ0.7mm-φ0.8mm or SQ0.64mm

Mechanical life cycle:min.200

Operating temperatures: Gold Pisted:-55℃ to+105℃

Tin plated:-40℃ to+105℃



| APPROVALS      |  |                     |  |           |  |              |  |                 |  | DATE         |  | EALON 德之隆®<br>ELECTRONICS CO.,LTD                                                         |  |  |  |
|----------------|--|---------------------|--|-----------|--|--------------|--|-----------------|--|--------------|--|-------------------------------------------------------------------------------------------|--|--|--|
| DRAWN          |  | G.M.Chen            |  | 2015/7/17 |  | TITLE:       |  | Connector       |  |              |  |                                                                                           |  |  |  |
| CHECKED        |  |                     |  |           |  | PART NO.     |  | MW254R-11-XX-10 |  |              |  |                                                                                           |  |  |  |
| APPROVALS      |  |                     |  |           |  | UNIT: mm     |  | SCALE: 1:1      |  | SHEET 1 of 1 |  | PROJ.  |  |  |  |
| TOLERANCES ARE |  | 30 <sup>±0.15</sup> |  | ±0.30     |  | ANGLE        |  |                 |  |              |  |                                                                                           |  |  |  |
|                |  | 10 <sup>±0.30</sup> |  | ±0.20     |  |              |  |                 |  |              |  |                                                                                           |  |  |  |
|                |  | 5 <sup>±0.10</sup>  |  | ±0.15     |  | ±2°          |  |                 |  |              |  |                                                                                           |  |  |  |
| ECN NO.        |  | REV.                |  | DATE.     |  | DESCRIPTION. |  | CHANGE.         |  | CHECK.       |  | APPRO.                                                                                    |  |  |  |
|                |  | A                   |  |           |  | NEW          |  |                 |  |              |  |                                                                                           |  |  |  |
|                |  |                     |  |           |  |              |  |                 |  |              |  |                                                                                           |  |  |  |