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| REVISION DATA |             |         |
|---------------|-------------|---------|
| REV           | DESCRIPTION | DATE    |
| A0            | NEW DRAWING | 16-5-15 |

Technical Data

Material:

Pin(outer sleeve):Brass, machined CuZn38Pb2

Plating(outer sleeve):

Tin Plated:2μm/80μm<sup>2</sup>Ni, 5μm/200μ<sup>2</sup>Sn

Gold Plated:2μm<sup>2</sup>/80μm<sup>2</sup>Ni, 0.8μ<sup>2</sup> gold

Plating(Contact ):2μm/80μ<sup>2</sup>Ni, gold or Tin plated

Insulator:PPS UL94V-0

Clip(Contact 4 Finger):Beryllium copper,heat treated

Electrical:

Current rating:3Amps/contact max.

Contact resistance: ≤4mΩ/contact

Insulation resistance: ≥1000MΩ at V=100V

Operating voltage:60VAC/DC

Mechanical:

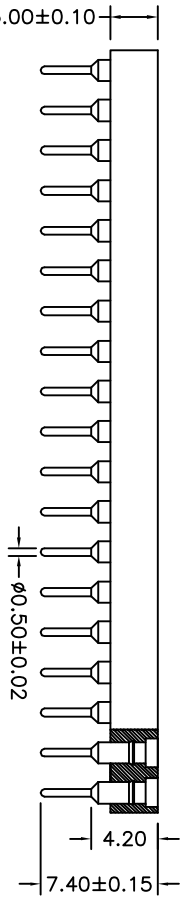
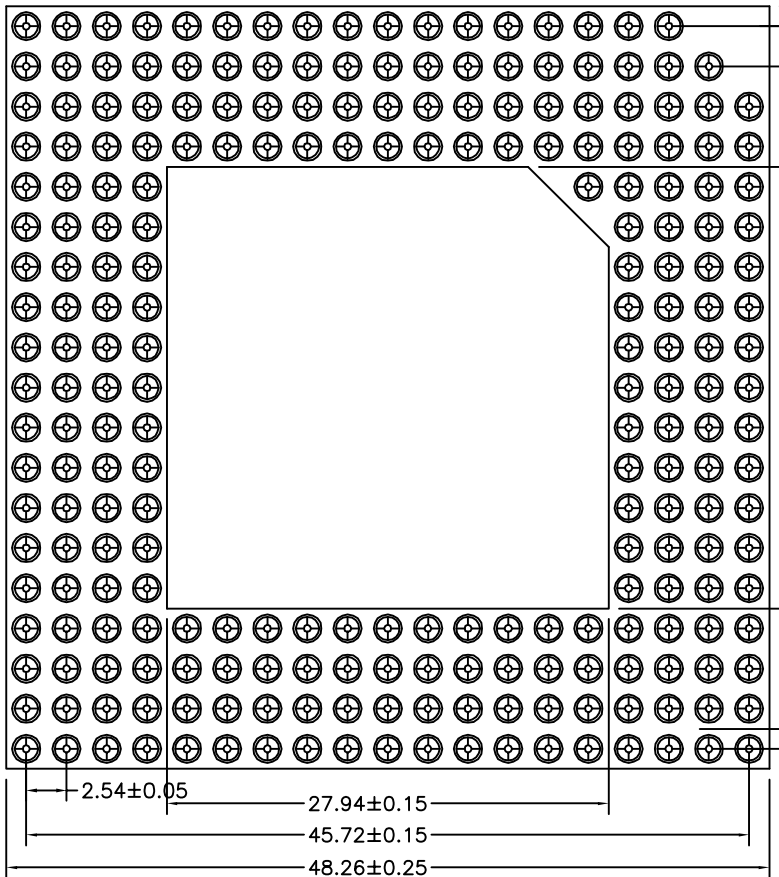
Average Insertion force with steel pin of ∅0.432: <250g

Average withdrawal force with steel pin of ∅0.432: >70g

Mechanical life cycle:min 200

Operating temperature:-40 ° C to+105 ° C

Soldering temperature:+255 ° C



|                                                           |                                                      |                                                 |                                                                                                                     |                                                                                                                      |                                     |                                                  |   |
|-----------------------------------------------------------|------------------------------------------------------|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-------------------------------------|--------------------------------------------------|---|
| QZT                                                       | X                                                    | X                                               | XXX                                                                                                                 | XX                                                                                                                   | XX                                  | XXXX                                             | X |
| Pitch(mm)<br>A=2.54X2, 54<br>B=2.54X1, 27<br>C=1.27X1, 27 | Angel Options<br>P=PGA<br>C1=PLCC-SMT<br>C2=PLCC-DIP | No. of Positions<br>XXX positions<br>238-238PIN | Pin plated<br>T1=Tin 150u"<br>T2=Tin 200u"<br>G1=6/F<br>G2=gold 3u"<br>G3=gold 10u"<br>G4=gold 15u"<br>G5=gold 30u" | CLIP plated<br>T1=Tin 180u"<br>T2=Tin 200u"<br>G1=6/F<br>G2=gold 3u"<br>G3=gold 10u"<br>G4=gold 15u"<br>G5=gold 30u" | Pin Length Options<br>07/40/7, 40mm | Specifications<br>A=Public seat<br>B=Female seat |   |

**dzconn** 东莞市启之泰电子科技有限公司

启之泰

|                |                 |                             |
|----------------|-----------------|-----------------------------|
| TOLERAVCE      | PROJ ECTON      | TITLE:                      |
| X, XXX ±0.05   | DATE: 2016-5-15 | Pin grid array sockets      |
| X, XX ±0.15    | DRAWN: TANG-S-G | 2.54x2, 54mm 238PIN         |
| X, X ±0.20     | CHECKED:        | PART NO: QZTA-P238XXXX0740B |
| X, ANGLE ±0.30 | APPROVED:       | DRAWING NO:2016051530       |
| ±5.0°          |                 |                             |

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