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REVISION DATA		
REV	DESCRIPTION	DATE
A0	NEW DRAWING	16-4-29

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 6 Finger):Beryllium copper, heat teated

Electrical:

Current rating:3Amps/contact max.

Contact resistance:≤4mΩ/contact

Insulation resistance:≥1000MΩ at V=100V

Operating voltage:60VAC/DC

Mechanical:

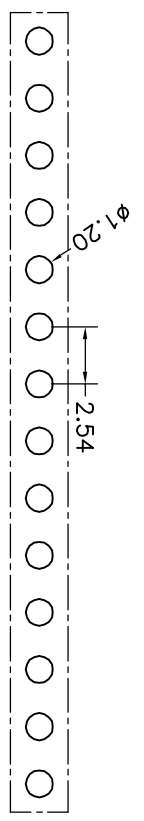
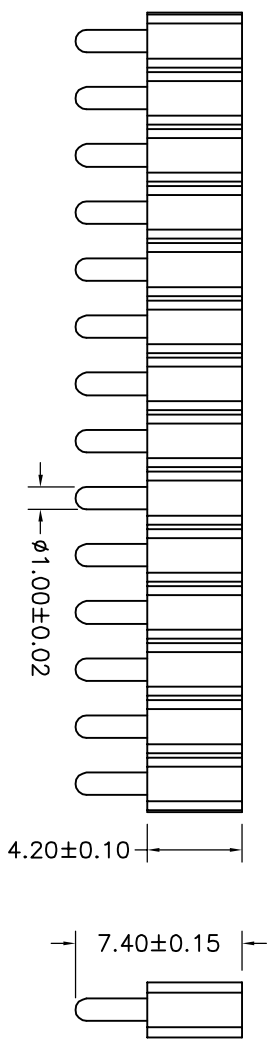
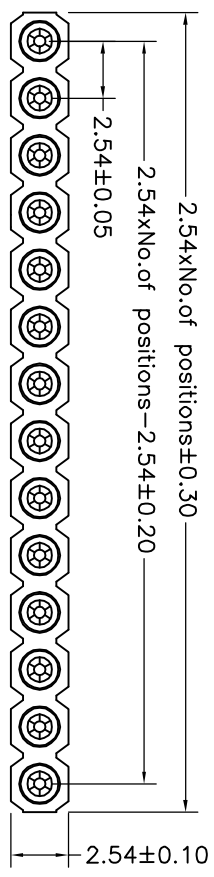
Average Insertion force with steel pin of φ0.432: <140g

Average withdrawal force with steel pin of φ0.432: >25g

Mechanical life cycle:min 200

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

Soldering temperature:+255° C



P. C. B LAYOUT

QZT	X	X	-	X	XX	XX	XX	XXXX	X
Pitch(mm) A=1.27 B=1.778 C=2.00 D=2.54	Insulator Type code 1=Single row 2=Double row 3=Three row	Angel Options D=180° R=90° S=SMT I=IC	No. of Positions XX positions	Pin plated T1=Tin 150u" T2=Tin 200u" G1=6/F G2=gold 3u" G3=gold 10u" G4=gold 15u" G5=gold 30u"	CLIP plated T1=Tin 150u" T2=Tin 200u" G1=6/F G2=gold 3u" G3=gold 10u" G4=gold 15u" G5=gold 30u"	Pin Length Options 07/0=7.40mm	Specifications A=Public seat B=Female seat		

**QZtconn** 东莞市启之泰电子科技有限公司

TOLERAVCE	PROJ ECTON	TITLE:
X,XXX ±0.05	DATE: 2016-4-29	Single row socket connector 2.54mm
X,XX ±0.15	DRAWN: TANG-S-G	L=7.40mm H=4.20mm 针脚φ1.00mm
X, X ±0.20	CHECKED:	PART NO: QZTD1-DXXXXXX0740B-2
X, ±0.30	APPROVED:	DRAWING NO:2016042901
ANGLE ±5.0°		

REV: A0	UNIT: mm	SCALE: FULL	SIZE: A4
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