

REVISION DATA		
REV	DESCRIPTION	DATE
A0	NEW DRAWING	16-4-3

Technical Data

Material:

Pin(outer sleeve):Brass, machined CuZn38Pb2

Plating(outer sleeve):

Tin Plated:2μm/80μm"Ni, 5μm/200μm"Sn

Gold Plated:2μm"/80μm"Ni, 0.8μm" gold

Plating(Contact ):2μm/80μm"Ni, gold or Tin plated

Insulator:PPS UL94V-0

Clip(Contact 4 Flinger):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:

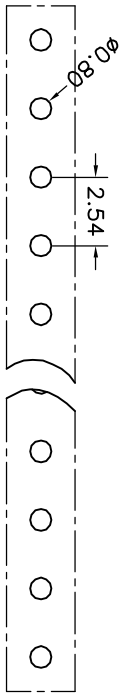
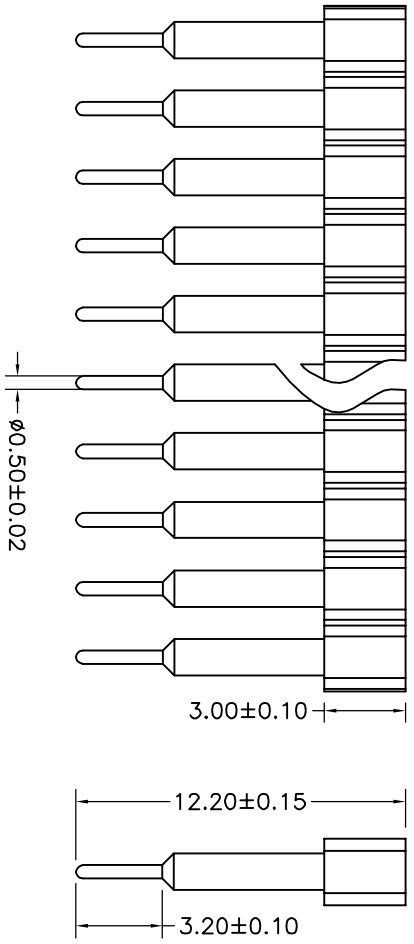
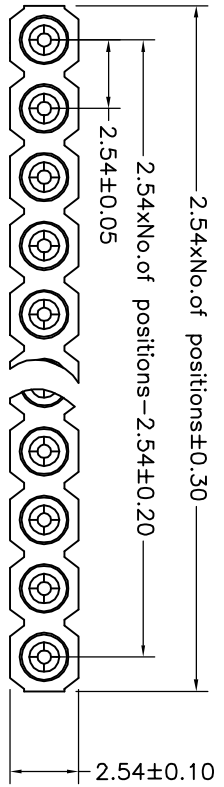
Average Insertion force with steel pin of φ0.432:<250g

Average withdrawal force with steel pin of φ0.432:>70g

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 1220-12.20mm	Specifications A=Public seat B=Female seat		

**Qzconn** 东莞市启之泰电子科技有限公司

TOLERANCE	PROJECTION	TITLE:
X.XXX ±0.05		Single row socket connector 2.54mm
X.XX ±0.15		L=12.20mm 两节
X.X ±0.20		PART NO:QZTD1-DXXXXXX1220B-1
X. ±0.30		DRAWING NO:2016040303
ANGLE ±5.0°		REV: A0 UNIT: mm SCALE: FULL SIZE: A4