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REVISION DATA		
REV	DESCRIPTION	DATE
A0	NEW DRAWING	16-4-19

Technical Data

Material:

Pin(outer sleeve): Brass, machined CuZn38Pb2

Plating(outer sleeve):

Tin Plated: 2µm/80µm Ni, 5µm/200µ Sn

Gold Plated: 2µm/80µm Ni, 0.8µ 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:

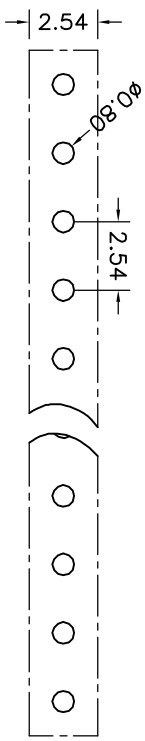
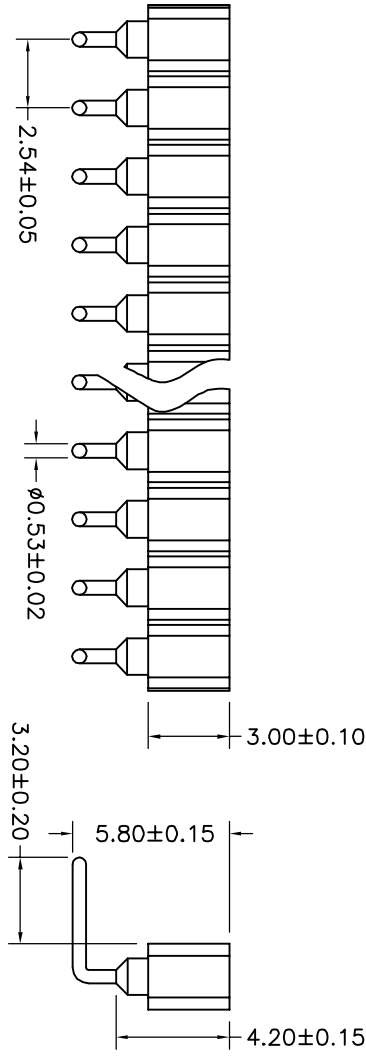
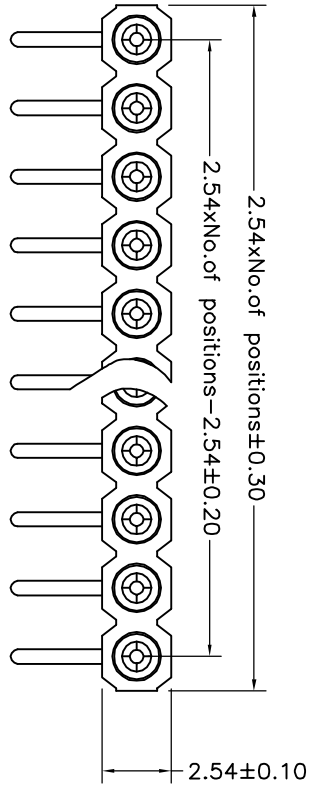
Average Insertion force with steel pin of ø0.432: <250g

Average withdrawal force with steel pin of ø0.432: >70g

Mechanical lige cycle: min 200

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

Soldering temperature: +255° C



P. C. B LAYOUT

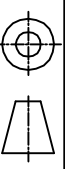
QZT7	X	X	-	X	XX	XX	XX	XXXX	X
Pitch(mm) A=1.27 B=1.778 C=2.00 D=2.54	Insulator Type code 1=Single row 2=Double row 3=Three row	Angel Options D=180° R=90° S=SMT I=IC	No. of Positions XX positions	Pin plated T1=TiN 150µ" T2=TiN 200µ" G1=6/F G2=gold 3µ" G3=gold 10µ" G4=gold 15µ" G5=gold 30µ"	CLIP plated T1=TiN 150µ" T2=TiN 200µ" G1=6/F G2=gold 3µ" G3=gold 10µ" G4=gold 15µ" G5=gold 30µ"	Pin Length Options 0980-g, 80mm	Specifications A=Public seat B=Female seat		

QZTconn 东莞市启之泰电子科技有限公司

TOLERAVCE

X, XXX	±0.05
X, XX	±0.15
X, X	±0.20
X,	±0.30
ANGLE	±5.0°

PROJECTON



TITLE:

Single row socket connector 2.54mm
L=9, 80mm 90°

DATE: 2016-4-19

DRAWN: TANG-S-G

PART NO: QZTD1-RXXXXXX0980B
DRAWING NO: 2016041905

APPROVED:

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