

REVISION DATA		
REV	DESCRIPTION	DATE
A0	NEW DRAWING	16-4-13

Technical Data

Material:

Pin(outer sleeve): Brass, machined CuZn38Pb2
 Plating(outer sleeve):

Tin Plated: 2 μ m/80 μ m"Ni, 5 μ m/200 μ "Sn

Gold Plated: 2 μ m"/80 μ m"Ni, 0.8 μ " gold

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

Insulator: PPS UL94V-0

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

Electrical:

Current rating: 3Amps/contact max.

Contact resistance: \leq 4m Ω /contact

Insulation resistance: \geq 1000M Ω at V=100V

Operating voltage: 60VAC/DC

Mechanical:

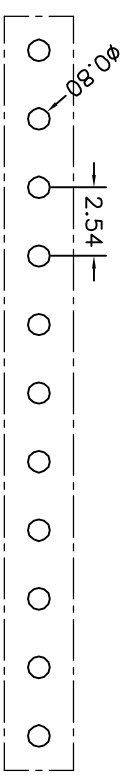
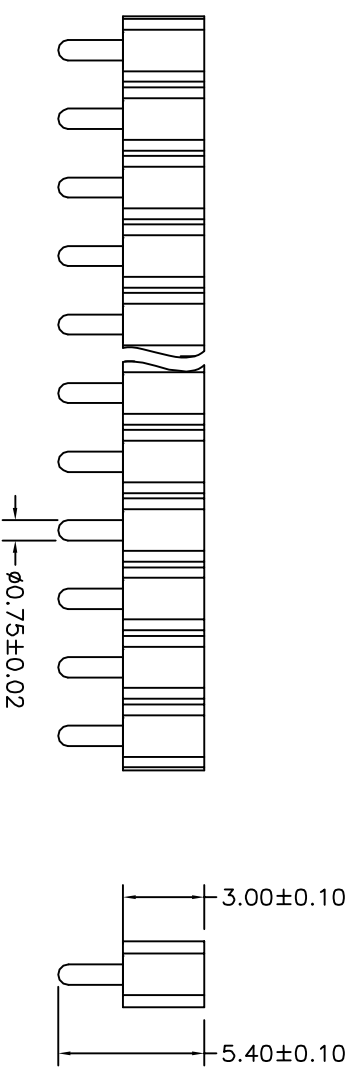
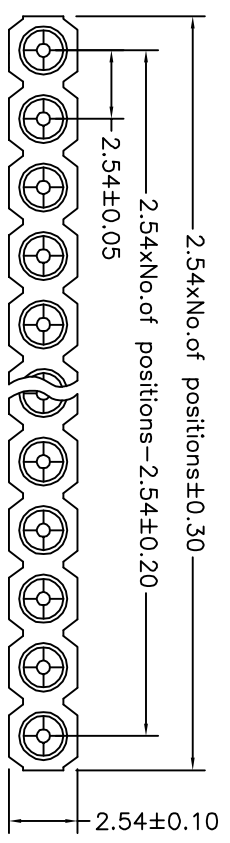
Average Insertion force with steel pin of ϕ 0.432: $<$ 250g

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

Mechanical life cycle: min 200

Operating temperature: -40 $^{\circ}$ C to +105 $^{\circ}$ C

Soldering temperature: +255 $^{\circ}$ C



P. C. B LAYOUT

QZT	X	X	X	X	X	X	X	X	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=SNF I=IC	No. of Positions XX positions	Pin plated T1=Tin 150 μ " T2=Tin 200 μ " G1=G/F G2=Gold 3 μ " G3=Gold 10 μ " G4=Gold 15 μ " G5=Gold 30 μ "	CLIP plated T1=Tin 150 μ " T2=Tin 200 μ " G1=G/F G2=Gold 3 μ " G3=Gold 10 μ " G4=Gold 15 μ " G5=Gold 30 μ "	Pin Length Options 05=5.40mm	Specifications A=Public seat B=Female seat		

qzconn 东莞市启之泰电子科技有限公司

TOLERAVCE	PROJ ECTON	TITLE:
X, XXX X, XX X, X	DATE: DRAWN: CHECKED: APPROVED:	Single socket connector 2.54mm L=5.40mm H=3.00 PART NO: QZTD1-DXXXXX0540B-1 DRAWING NO: 2016041303

±0.05 ±0.15 ±0.20 ±0.30 ±5.0 $^{\circ}$	2016-4-13 TANG-S-G	REV: A0 UNIT: mm SCALE: FULL SIZE: A4
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