

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:

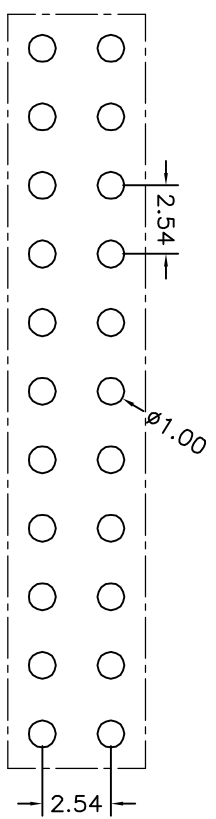
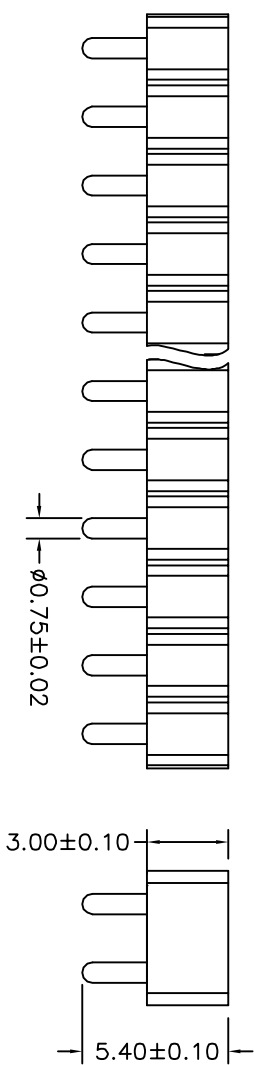
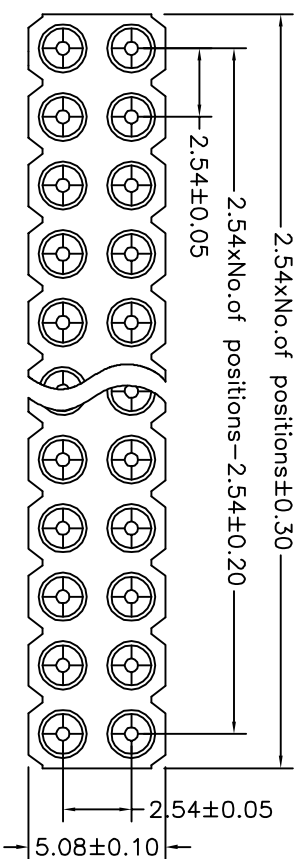
Average Insertion force with steel pin of ϕ 0.432: $<$ 250g

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)	Insulator Type code								
A=1.27	1=Single row								
B=1.778	2=Double row								
C=2.00	3=Three row								
D=2.54									
Angel Options	No. of Positions								
D=180 $^{\circ}$	XX positions								
R=90 $^{\circ}$									
S=SNF									
I=IC									
Pin plated	CLIP plated								
T1=Tin 150 μ "	T1=Tin 150 μ "								
T2=Tin 200 μ "	T2=Tin 200 μ "								
G1=G/F	G1=G/F								
G2=Gold 3 μ "	G2=Gold 3 μ "								
G3=Gold 10 μ "	G3=Gold 10 μ "								
G4=Gold 15 μ "	G4=Gold 15 μ "								
G5=Gold 30 μ "	G5=Gold 30 μ "								
Pin Length Options	Specifications								
05=5.40mm	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 \pm 0.05		Double socket connector 2.54mm
X, XX \pm 0.15		L=5.40mm H=3.00
X, X \pm 0.20	DRAWN: TANG-S-G	PART NO: QZTD2-DXXXXXX0540B-1
X, \pm 0.30	CHECKED:	DRAWING NO: 2016041101
ANGLE \pm 5.0 $^{\circ}$	APPROVED:	REV: A0 UNIT: mm SCALE: FULL SIZE: A4