

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 $\mu$ m/80 $\mu$ m<sup>2</sup>Ni, 5 $\mu$ m/200 $\mu$ m<sup>2</sup>Sn

Gold Plated: 2 $\mu$ m<sup>2</sup>/80 $\mu$ m<sup>2</sup>Ni, 0.8 $\mu$ m<sup>2</sup> gold

Plating (Contact): 2 $\mu$ m/80 $\mu$ m<sup>2</sup>Ni, gold or Tin plated

Insulator: PPS UL94V-0

ClIp (Contact 4 Finger): Beryllium copper, heat treated

Electrical:

Current rating: 3Amps/contact max.

Contact resistance:  $\leq 4m\Omega$ /contact

Insulation resistance:  $\geq 1000M\Omega$  at V=100V

Operating voltage: 60VAC/DC

Mechanical:

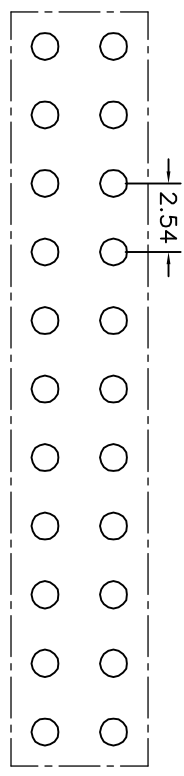
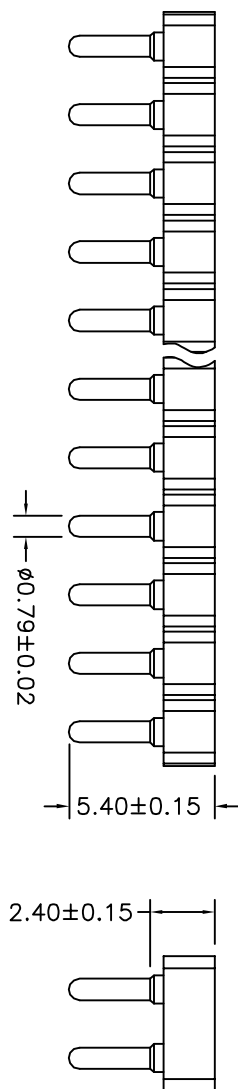
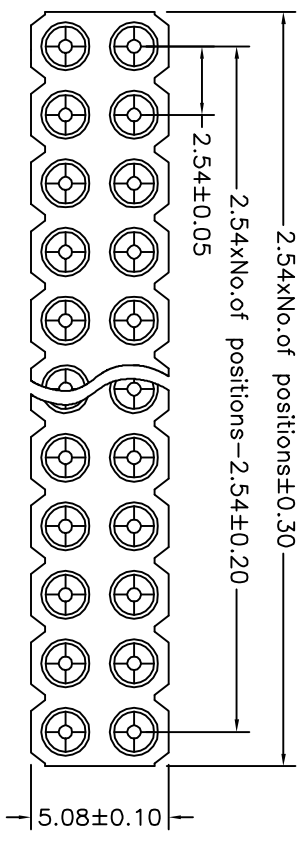
Average Insertion force with steel pin of  $\phi 0.432$ :  $< 250g$

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

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

TOLERANCE	PROJECTION	TITLE:
X, XXX		Double socket connector 2.54mm
X, XX		L=5.40mm H=1.90
X, X		PART NO: QZTD2-DXXXXXX0540B-2
ANGLE		DRAWING NO: 2016041302

**QZTconn** 东莞市启之泰电子科技有限公司  
启之泰

DATE:	2016-4-13	REV:	A0
DRAWN:	TANG-S-G	UNIT:	mm
CHECKED:		SCALE:	FULL
APPROVED:		SIZE:	A4