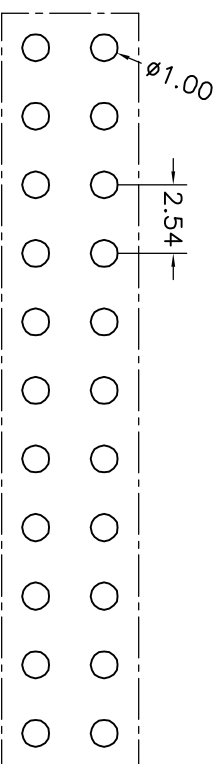
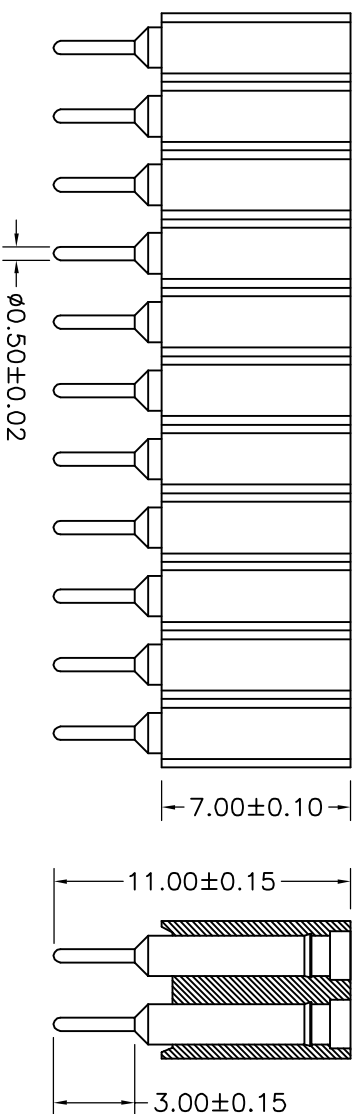
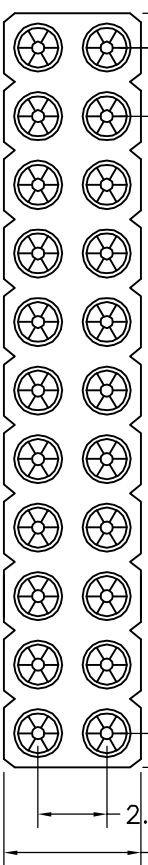
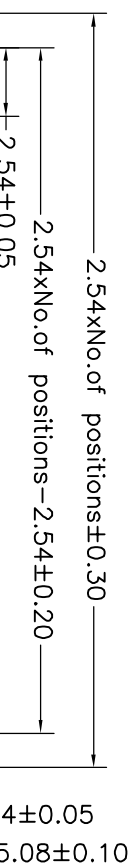


REVISION DATA		
REV	DESCRIPTION	DATE
A0	NEW DRAWING	16-6-7



### P.C.B LAYOUT

QZT7	X	X	X	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 1100=11.00mm	Specifications A=Public seat B=Female seat	

2

3

4

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6

7

### 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 6 Flinger): Beryllium copper, heat treated

#### 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 0.432: < 250g

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

Mechanical life cycle: min 200

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

Soldering temperature: +255° C

Critical Dimensions: (\*)

**Qztconn** 东莞市启之泰电子科技有限公司  
启之泰

### TOLERANCE

X, XXX ± 0.05

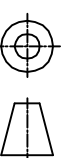
X, XX ± 0.15

X, X ± 0.20

X, ± 0.30

ANGLE ± 5.0°

### PROJECTION



DATE: 2016-6-7

DRAWN: TANG-S-G

CHECKED: DRAWING NO: 2016060703

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

### TITLE:

Double row socket connector 2.54mm  
L=11.00mm

PART NO: QZTD2-DXXXXX1100B

DRAWING NO: 2016060703

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

A

B

C

D

E

A

C

D

E

1

2

3

4

5

6

7