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REVISION DATA		
REV	DESCRIPTION	DATE
A0	NEW DRAWING	16-3-21

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:

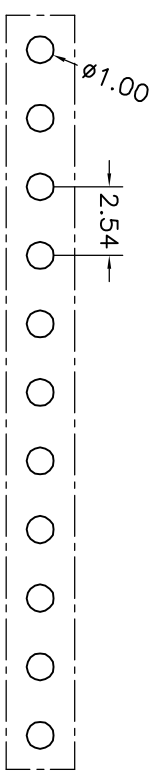
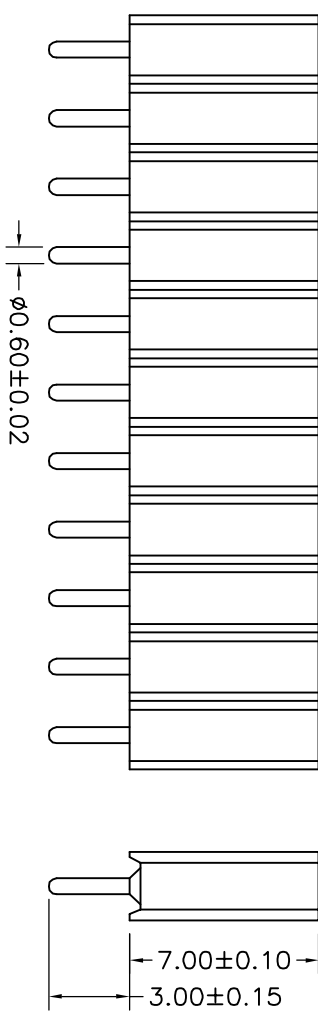
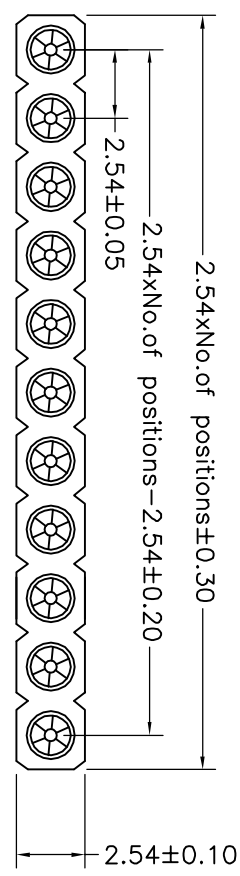
Average Insertion force with steel pin of ∅0.432: <250g

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



P. C. B LAYOUT

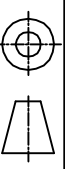
QZT7	X	X	-	X	XX	XX	XX	XXXX	X
Pitch(mm)	A=1.27	B=1.778	C=2.00	D=2.54	Insulator Type code	1=Single row	2=Double row	3=Three row	Angel Options
									D=180°
									R=90°
									S=SMT
									I=IC
									No. of Positions
									XX positions
									Pin plated
									T1=Tin 150u"
									T2=Tin 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
									1000=10.00mm
									Specifications
									A=Public seat
									B=Female seat

**QZTconn** 东莞市启之泰电子科技有限公司

TOLERANCE

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

PROJECTION



DATE: 2016-3-21

DRAWN: TANG-S-G

CHECKED:

APPROVED:

TITLE:

Single row socket connector 2.54mm

PART NO.: QZTD1-DXXXXXX1000B

DRAWING NO.: 2016032101

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