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REVISION DATA		
REV	DESCRIPTION	DATE
A0	NEW DRAWING	16-4-20

Technical Data

Material:

Pin(outer sleeve): Brass, machined CuZn38Pb2

Plating(outer sleeve):

Tin Plated: 2μm/80μm Ni, 5μm/200μ Sn

Gold Plated: 2μm /80μm Ni, 0.8μ gold

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

Insulator: PPS UL94V-0

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

Electrical:

Current rating: 3Amps/contact max.

Contact resistance: ≤4mΩ/contact

Insulation resistance: ≥1000Ω at V=100V

Operating voltage: 60VAC/DC

Mechanical:

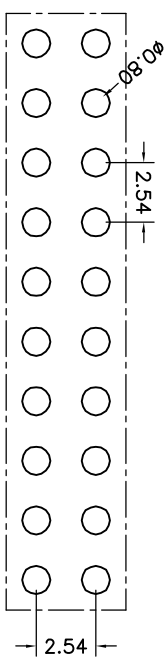
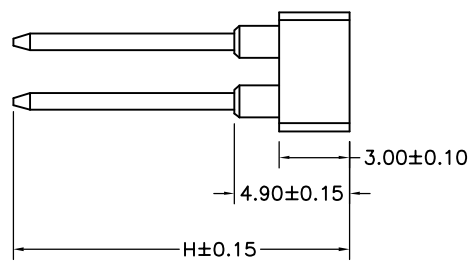
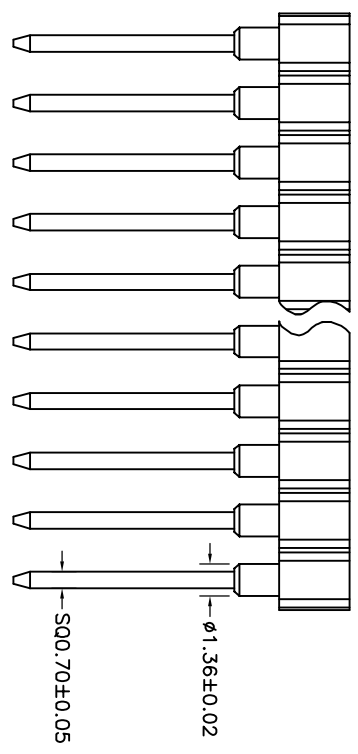
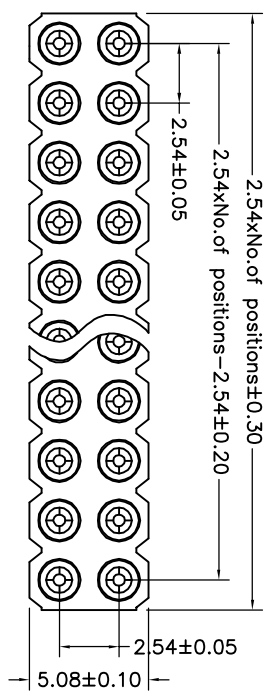
Average Insertion force with steel pin of φ0.432: <270g

Average withdrawal force with steel pin of φ0.432: >90g

Mechanical life cycle: min 200

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

Soldering temperature: +255 ° 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-SMT I=IC	No. of Positions XX positions	Pin plated T1=TiN 150μ T2=TiN 200μ G1=6/F G2=Gold 3μ G3=Gold 10μ G4=Gold 15μ G5=Gold 30μ	Clip plated T1=TiN 150μ T2=TiN 200μ G1=6/F G2=Gold 3μ G3=Gold 10μ G4=Gold 15μ G5=Gold 30μ	Pin Length Options 1150=11.50mm 1430=14.30mm 1780=17.80mm	Specifications A=Public seat B=Female seat

PART NO	Pin Length H
QZTD2-DXXXXXXXX1150B-1	11.50
QZTD2-DXXXXXXXX1430B	14.30
QZTD2-DXXXXXXXX1780B-1	17.80

QZTconn 启之泰 东莞市启之泰电子科技有限公司

TOLERAVCE	PROJECTION	TITLE:
X, XXX ±0.05	DATE: 2016-4-20	Double socket connector 2.54mm
X, XX ±0.15	DRAWN: TANG-S-G	L=14.30mm 针脚四方针
X, X ±0.20	CHECKED:	PART NO: QZTD2-DXXXXXXXXXB
ANGLE ±0.30	APPROVED:	DRAWING NO: 2016042005
±5.0°		REV: A0 UNIT: mm SCALE: FULL SIZE: A4