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REVISION DATA		
REV	DESCRIPTION	DATE
A0	NEW DRAWING	16-4-27

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/80μm Ni, gold or Tin plated

Insulator: PPS UL94V-0

Clip(Contact 6 Flinger): Beryllium copper, heat teated

Electrical:

Current rating: 3Amps/contact max.

Contact resistance: ≤4mΩ/contact

Insatiation resistance: ≥1000MΩ at V=100V

Operating vottage: 60VAC/DC

Mechanical:

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

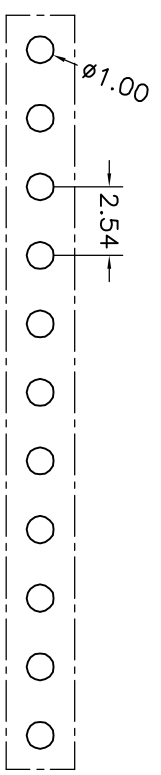
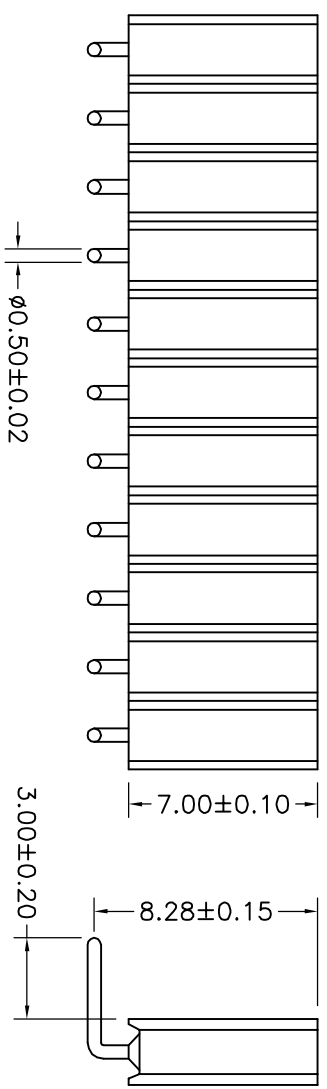
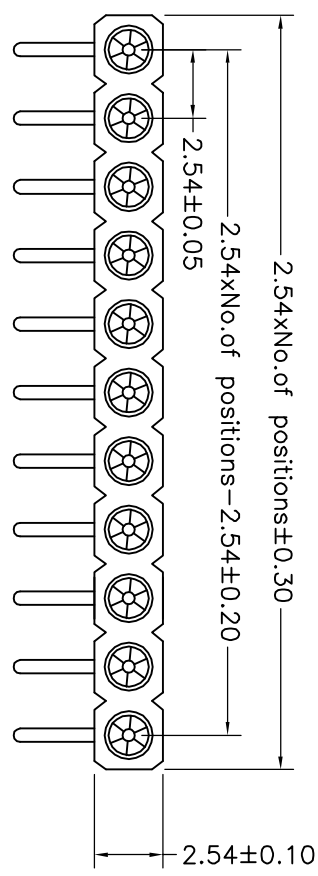
Average withdrawal force with steel pin of ∅0.432: >70g

Mechanical lige cycle: min 200

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

Soldering temperature: +255° C

Critical Dimensions:



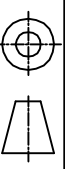
P. C. B LAYOUT

QZT7	X	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 1200=12.00mm	Specifications A=Public seat B=Female seat

TOLERAVCE

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

PROJ ECTON



TITLE:

Single row socket connector 2.54mm  
L=12.0mm 90°

DATE: 2016-4-27

PART NO: QZTD1-RXXXXXX1200B

DRAWN: TANG-S-G

CHECKED: DRAWING NO: 2016042701

APPROVED:

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

**QZconn** 东莞市启之泰电子科技有限公司

启之泰