

REVISION DATA		
REV	DESCRIPTION	DATE
A0	NEW DRAWING	16-5-7

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

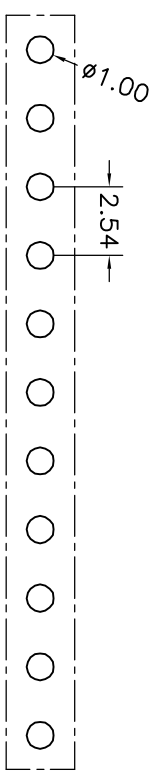
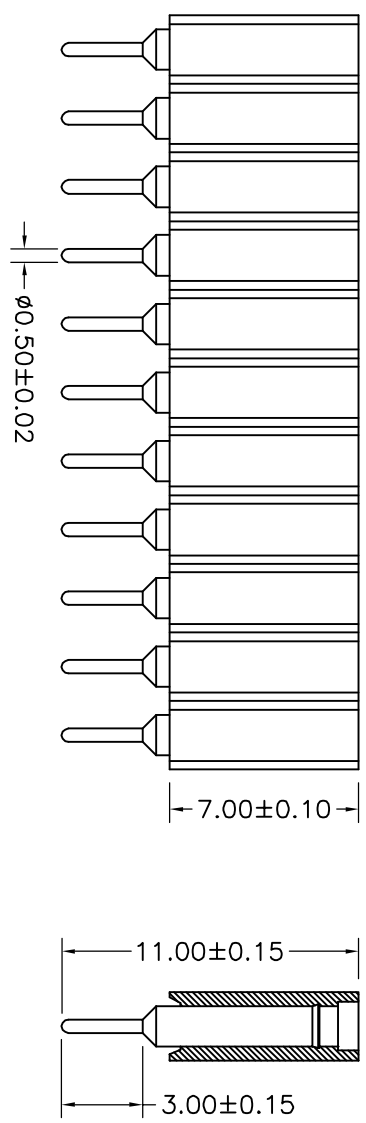
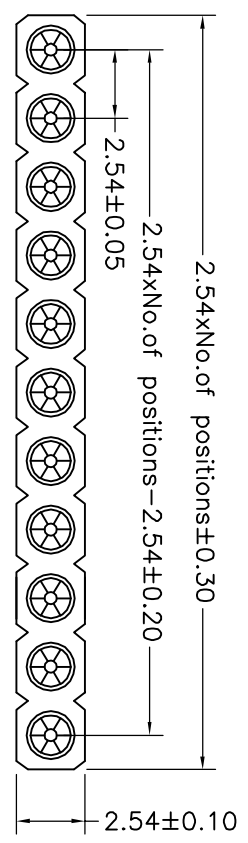
Clip(Contact 6 Flinger): Beryllium copper, heat teated

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

TOLERAVCE	PROJ ECTON	TITLE:
X, XXX ±0.05		Single row socket connector 2.54mm
X, XX ±0.15	DATE: 2016-5-7	L=11.00mm
X, X ±0.20	DRAWN: TANG-S-G	PART NO: QZTD1-DXXXXX1100B
X, X ±0.30	CHECKED:	DRAWING NO: 2016050703
ANGLE ±5.0°	APPROVED:	REV: A0 UNIT: mm SCALE: FULL SIZE: A4



P. C. B LAYOUT

QZT	X	X	X	XX	XX	XXX	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