

REVISION DATA		
REV	DESCRIPTION	DATE
A0	NEW DRAWING	16-4-25

Technical Data

Material: Pin(outer sleeve):Brass, machined CuZn38Pb2  
 Plating(outer sleeve):  
 Tin Plated:2μm/80μm<sup>2</sup>Ni, 5μm/200μ<sup>2</sup>Sn  
 Gold Plated:2μm<sup>2</sup>/80μm<sup>2</sup>Ni, 0.8μ<sup>2</sup> gold  
 Plating(Contact):2μm/80μ<sup>2</sup>Ni, gold or Tin plated  
 Insulator:PPS UL94V-0  
 Clip(Contact 4 Finger):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

**zztconn** 东莞市启之泰电子科技有限公司  
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TOLERAVCE

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

PROJECTON



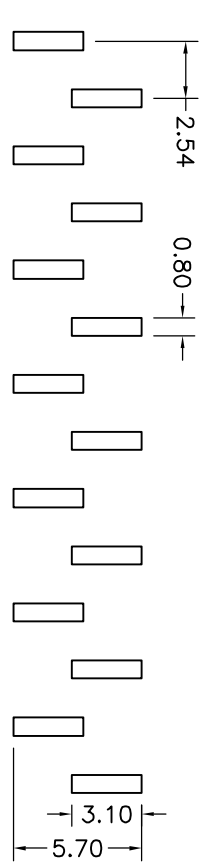
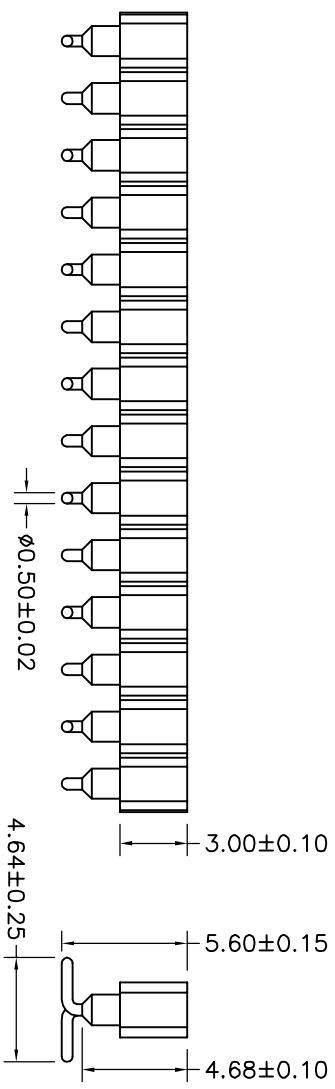
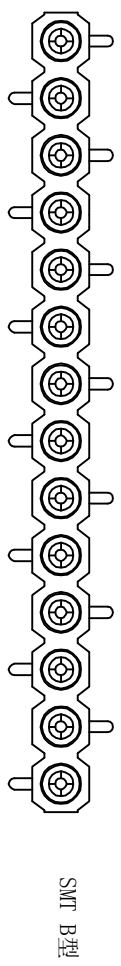
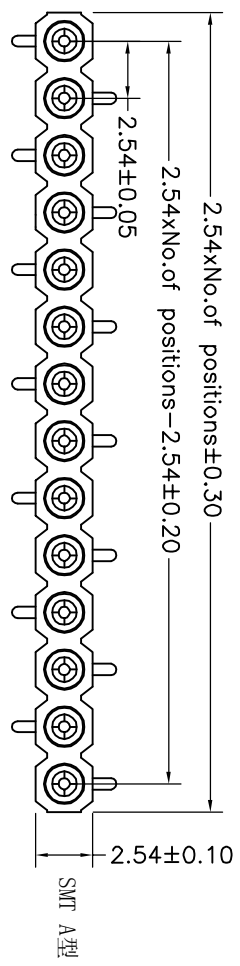
TITLE:

Single row socket connector 2.54mm  
 L=7.43mm SMT A/B型

PART NO.:QZTD1-SXXXXX0743B

DRAWING NO.:2016042502

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



P. C. B LAYOUT

QZT	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 1500μ <sup>2</sup> T2=TiN 2000μ <sup>2</sup> G1=6/F G2=gold 30μ <sup>2</sup> G3=gold 100μ <sup>2</sup> G4=gold 150μ <sup>2</sup> G5=gold 300μ <sup>2</sup>	CLIP plated T1=TiN 1500μ <sup>2</sup> T2=TiN 2000μ <sup>2</sup> G1=6/F G2=gold 30μ <sup>2</sup> G3=gold 100μ <sup>2</sup> G4=gold 150μ <sup>2</sup> G5=gold 300μ <sup>2</sup>	Pin Length Options 07/3=7.43mm	Specifications A=Public seat B=Female seat		