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REVISION DATA		
REV	DESCRIPTION	DATE
A0	NEW DRAWING	16-3-28

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 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:

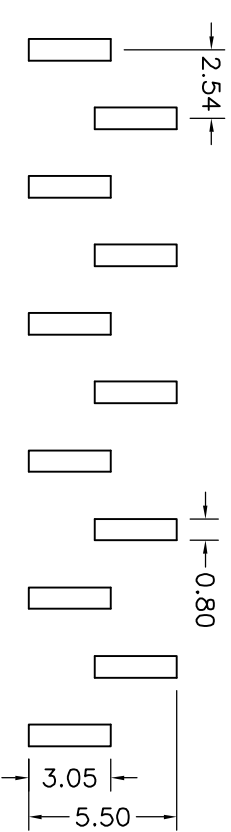
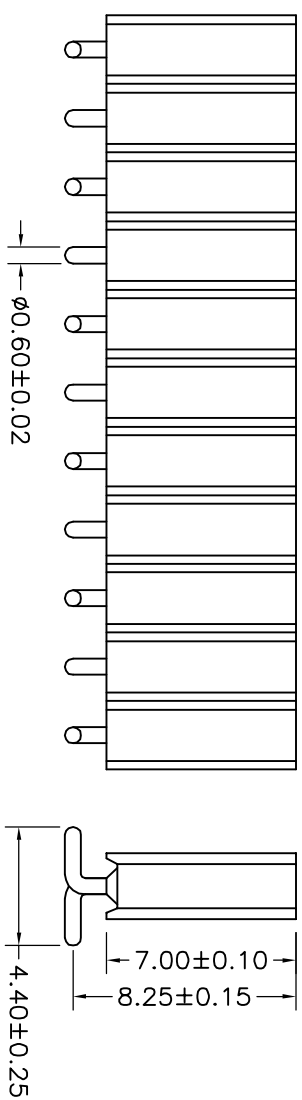
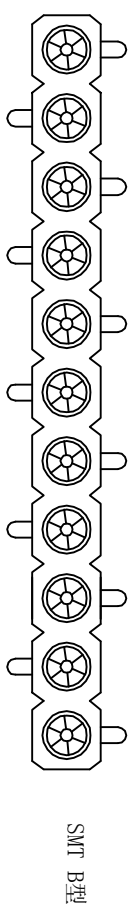
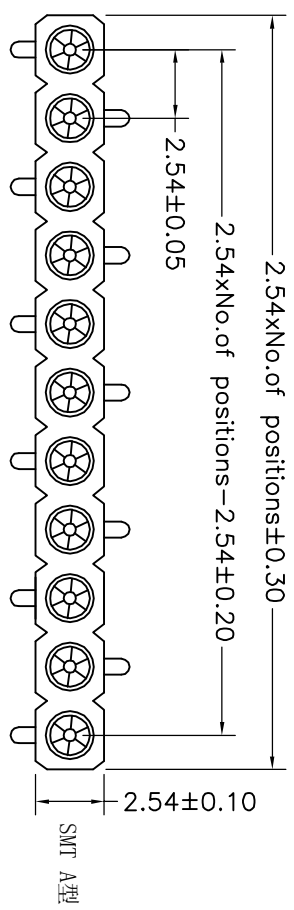
Average Insertion force with steel pin of ∅0.432: <250g

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

Mechanical lige cycle: min 200

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

Soldering temperature: +255° C



P. C. B LAYOUT

Q27	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 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 1000=10.00mm	Specifications A=Public seat B=Female seat	

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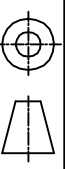
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uztconn 东莞市启之泰电子科技有限公司

TOLERAVCE

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

PROJECTON



TITLE:

Single row socket connector 2.54mm
L=10.00mm SMT A/B型

DATE: 2016-3-28

DRAWN: TANG-S-G

PART NO.: QZTD1-SXXXXX1000B
DRAWING NO.: 2016032801

APPROVED:

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