

REVISION DATA		
REV	DESCRIPTION	DATE
A0	NEW DRAWING	16-3-31

Technical Data

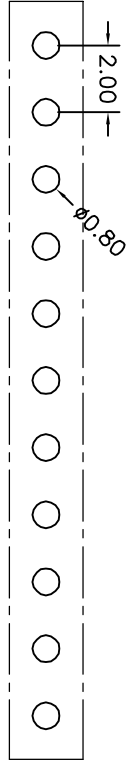
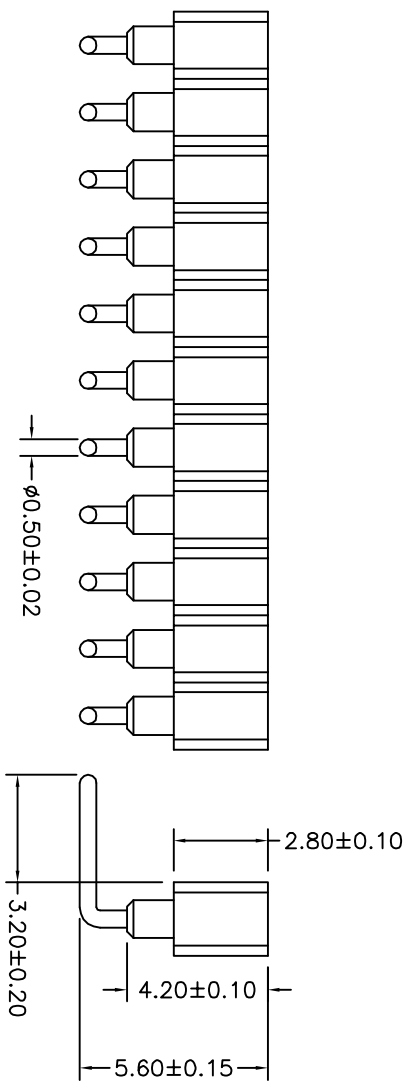
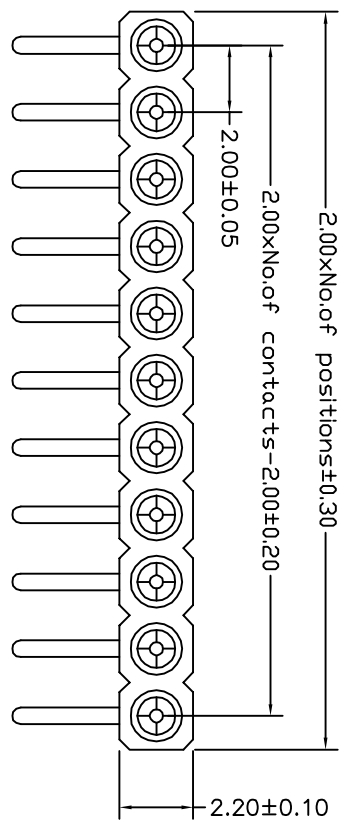
Material:
 Pin(outer sleeve): Brass, machined CuZn38Pb2
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 Plating(outer sleeve):
 Tin Plated: 2 μ m/80 μ m²Ni, 5 μ m/200 μ Sn
 Gold Plated: 2 μ m²/80 μ m²Ni, 0.8 μ gold
 Plating(Contact): 2 μ m/80 μ NI, gold or Tin plated
 Insulator: PPS UL94V-0
 Clip(Contact 4 Flinger): Beryllium copper, heat teated
 Mating pin: 0.40mm/0.66mm

Electrical:

Current rating: 3Amps/contact max.
 Contact resistance: $\leq 4m\Omega$ /contact
 Insulation resistance: $\geq 1000M\Omega$ at V=100V
 Dielectric Withstanding Voltage: 1000V AV Min
 Operating voltage: 60VAC/DC

Mechanical:

-Insertion: 0.7N typ
 -Withdrawal: 0.4N typ
 Mechanical life: min 500 cycle
 Operating temperature: -40 $^{\circ}$ C to +105 $^{\circ}$ C
 Soldering temperature: +255 $^{\circ}$ C



P. C. B LAYOUT

Q271	X	X	X	X	X	X	X	X
Pitch(mm) A=1.27 B=1.278 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=90° I=IC	No. of Positions XX	Pin plated T1=Fin 150 μ " T2=Fin 200 μ " G1=6/F G2=Gold 3 μ " G3=Gold 10 μ " G4=Gold 15 μ " G5=Gold 30 μ "	CLIP plated T1=Fin 150 μ " T2=Fin 200 μ " G1=6/F G2=Gold 3 μ " G3=Gold 10 μ " G4=Gold 15 μ " G5=Gold 30 μ "	Pin Length Options 0960=9.60mm	Specifications A=Public seat B=Female seat	

Qztconn 东莞市启之泰电子科技有限公司

TOLERAVCE	PROJECTION	TITLE:
X. XXX ±0.05 X. XX ±0.15 X. X ±0.20 X. ±0.30 X. ANGLE ±5.0 $^{\circ}$	DATE: 2016-3-31 DRAWN: TANG-S-G CHECKED: APPROVED:	Single row socket connector 2.00mm L=9.60mm 90 $^{\circ}$ PART NO: QZTC1-RXXXXXX0960B DRAWING NO: 2016033107
REV: A0	UNIT: mm	SCALE: FULL
SIZE: A4		