

REVISION DATA		
REV	DESCRIPTION	DATE
A0	NEW DRAWING	16-4-26

### Technical Data

Material:

Pin(outer sleeve): Brass, machined CuZn38Pb2

Plating(outer sleeve):

Tin Plated:  $2\mu\text{m}/80\mu\text{m}^{\text{Ni}}$ ,  $5\mu\text{m}/200\mu^{\text{Sn}}$

Gold Plated:  $2\mu\text{m}^{\text{Ni}}$ / $80\mu\text{m}^{\text{Ni}}$ ,  $0.8\mu^{\text{gold}}$

Insulator: PPS UL94V-0

Mating pin  $\phi$ : 0.47/0.50mm

Electrical:

Current rating: 3Amps/contact max.

Contact resistance:  $\leq 4\text{m}\Omega$ /contact

Insulation resistance:  $\geq 1000\text{M}\Omega$  at V=100V

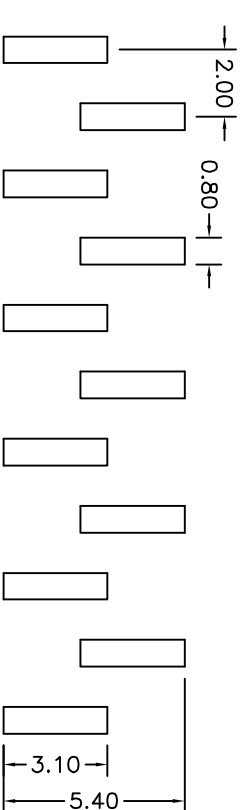
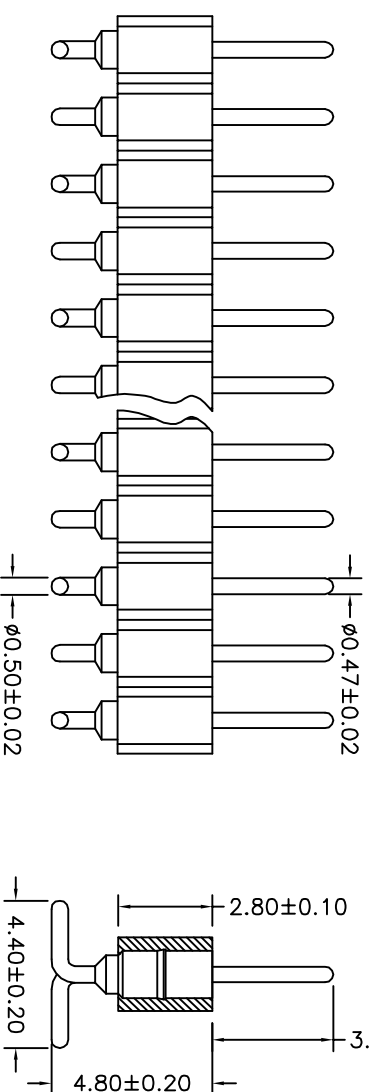
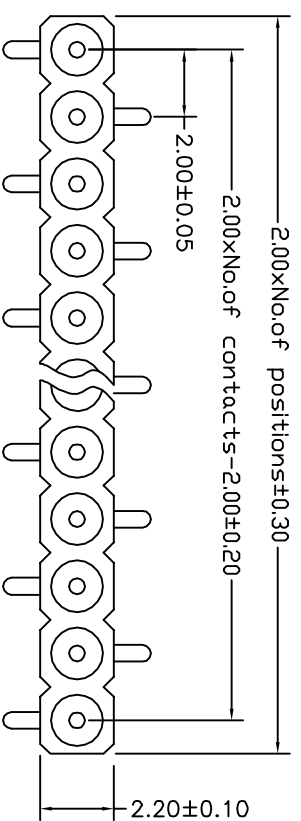
Operating voltage: 60VAC/DC

Mechanical:

Mechanical life: min 500 cycle

Operating temperature:  $-40^{\circ}\text{C}$  to  $+105^{\circ}\text{C}$

Soldering temperature:  $+255^{\circ}\text{C}$



## P. C. B LAYOUT

QZT	X	X	-	X	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=1in 150u"
Pin Length Options	1000=10.00mm	Specifications	A=Public seat	B=Female seat	Pin plated	T1=1in 150u"	T2=1in 200u"	G1=G/F
						G2=601d 3u"	G3=601d 10u"	G4=601d 15u"
						G5=601d 30u"		

**Qztcconn** 东莞市启之泰电子科技有限公司

启之泰

TOLERANCE	PROJECTION	TITLE:
X, XXX ±0.05		Single row socket connector
X, XX ±0.15	DATE: 2016-4-26	2.00mm L=10.0 SMT A型
X, X ±0.20	DRAWN: TANG-S-G	PART NO: QZTC1-SXXXX1000A-1
X, X ±0.30	CHECKED:	DRAWING NO: 2016042601
ANGLE ±5.0°	APPROVED:	REV: A0 UNIT: mm SCALE: FULL SIZE: A4