

REVISION DATA		
REV	DESCRIPTION	DATE
A0	NEW DRAWING	16-5-3

Technical Data

Material:

Pin(outer sleeve): Brass, machined CuZn38Pb2

Plating(outer sleeve):

Tin Plated: 2 μ m/80 μ m Ni, 5 μ m/200 μ Sn

Gold Plated: 2 μ m/80 μ m Ni, 0.8 μ gold

Plating(Contact): 2 μ m/80 μ m Ni, gold or Tin plated

Insulator: PPS UL94V-0

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

Electrical:

Current rating: 1amps/contact max.

Contact resistance: $\leq 4m\Omega$ /contact

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

Operating voltage: 60VAC/DC

Mechanical:

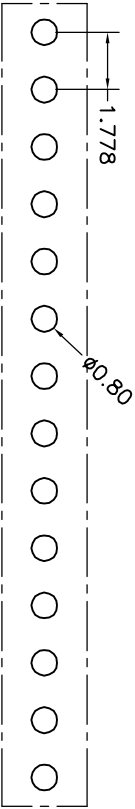
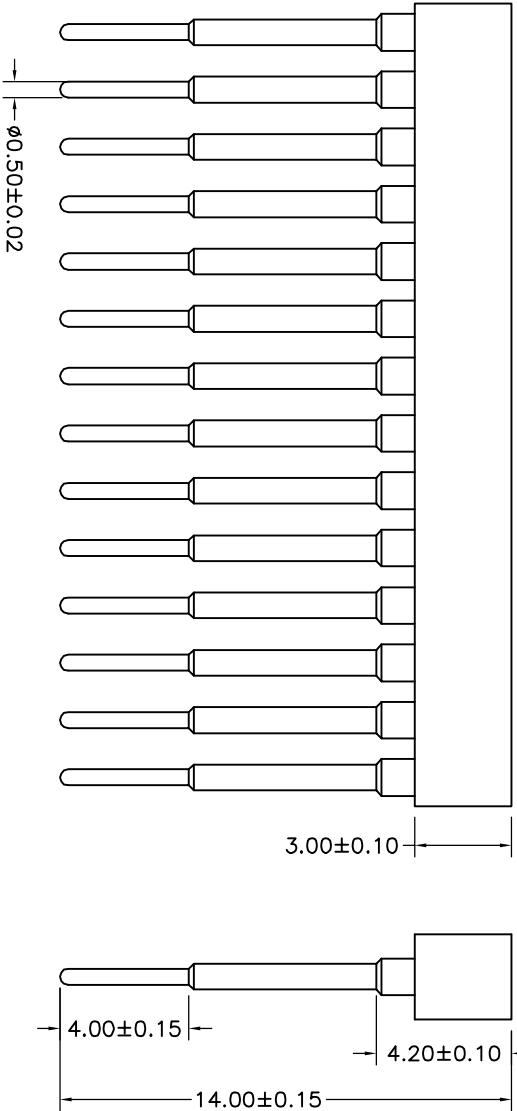
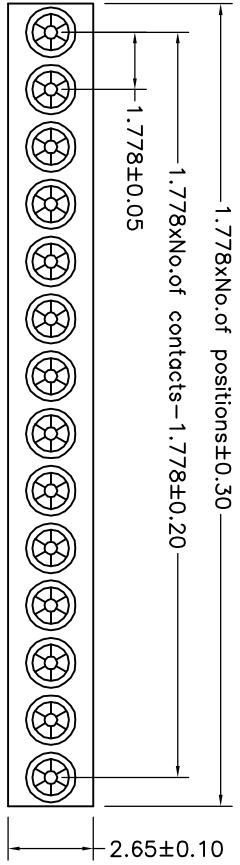
Average Insertion force with steel pin of $\phi 0.432$: $< 90g$

Average withdrawal force with steel pin of $\phi 0.432$: $> 25g$

Mechanical life cycle: min 200

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

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



P. C. B LAYOUT

QZT	X	X	-	X	XX	XX	XX	XXXX	X
Pitch(mm)	Insulator Type code								
A=1.27	1=Single row								
B=1.778	2=Double row								
C=2.00	3=Three row								
D=2.54									
Angel Options	No. of Positions								
D=180°	XX positions								
R=90°									
S=50°									
I=IC									
Pin plated	CLIP plated								
T1=Tin 150 μ "	T1=Tin 150 μ "								
T2=Tin 200 μ "	T2=Tin 200 μ "								
G1=6/F	G1=6/F								
G2=Gold 3 μ "	G2=Gold 3 μ "								
G3=Gold 10 μ "	G3=Gold 10 μ "								
G4=Gold 15 μ "	G4=Gold 15 μ "								
G5=Gold 30 μ "	G5=Gold 30 μ "								
Pin Length Options	Pin Length Options								
1400=14.0mm	1400=14.0mm								
Specifications	Specifications								
A=Public seat	A=Public seat								
B=Female seat	B=Female seat								

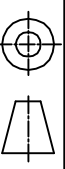
qzconn 东莞市启之泰电子科技有限公司

启之泰

TOLERANCE

X, XXX	± 0.05
X, XX	± 0.15
X, X	± 0.20
X, .X	± 0.30
ANGLE	$\pm 5.0^{\circ}$

PROJECTION



DATE: 2016-5-3

DRAWN: TANG-S-G

CHECKED:

APPROVED:

TITLE:

Single row socket connector
1.778mm L=14.00mm

PART NO: QZTB1-DXXXXX1400B

DRAWING NO: 2016050308

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