

REVISION DATA		
REV	DESCRIPTION	DATE
A0	NEW DRAWING	16-3-29

Technical Data

Material:

Pin(outer sleeve): Brass, machined CuZn38Pb2

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 m²Ni, gold or Tin plated

Insulator: PPS UL94V-0

Clip(Contact 4 Flinger): Beryllium copper, heat teated

Mating pin \square : 0.40mm/0.66mm

Electrical:

Current ratings: 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:

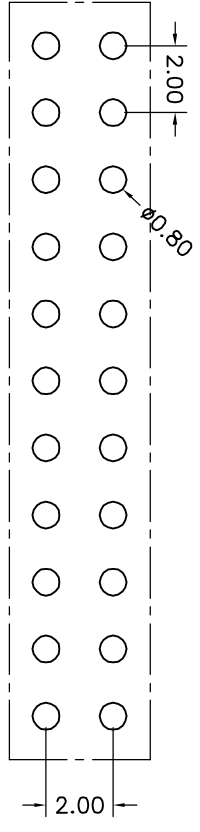
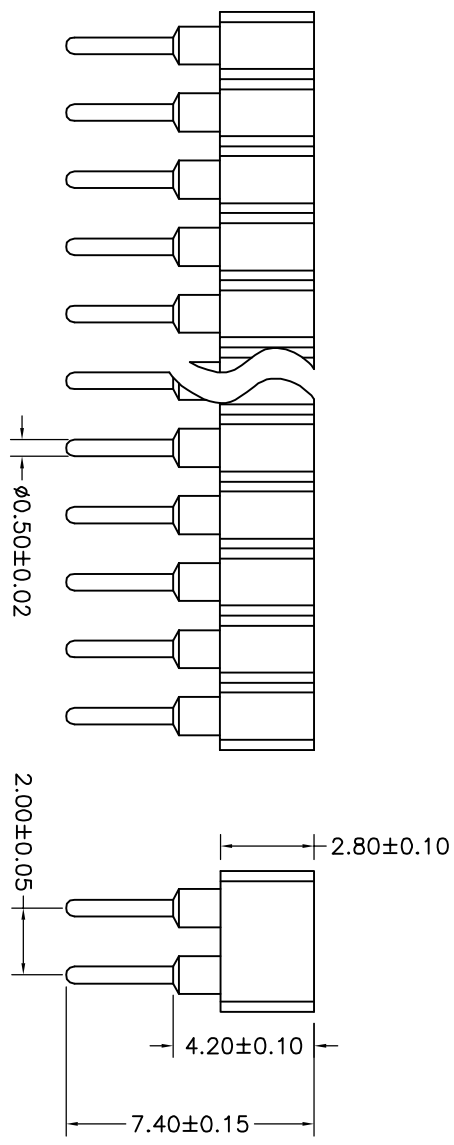
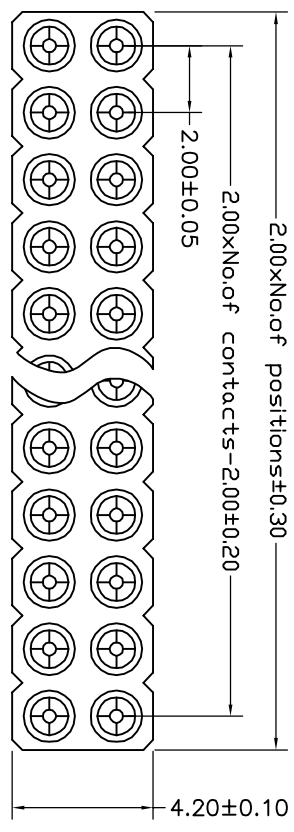
-Insertion: 0.7N typ

-Withdrawal: 0.4N typ

Mechanical life: min 500 cycle

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

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



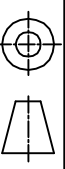
P. C. B LAYOUT

Q271	X	X	-	X	XX	XX	XX	XXXX	X
Pitch(mm) A=1.27 B=1.278 C=2.00 D=2.54	Insulator Type code 1-Single row 2-Duble row 3-Three row	Angel Options D=180 $^{\circ}$ R=90 $^{\circ}$ S-SMT T=TC	No. of Positions XX positions	Pin plated T1=Tin 150 $^{\circ}$ T2=Tin 200 $^{\circ}$ G1=6/F G2=Gold 3 μ G3=Gold 10 μ G4=Gold 15 μ G5=Gold 30 μ	CLIP plated T1=Tin 150 $^{\circ}$ T2=Tin 200 $^{\circ}$ G1=6/F G2=Gold 3 μ G3=Gold 10 μ G4=Gold 15 μ G5=Gold 30 μ	Pin Length Options 0740=7.40mm	Specifications A=Public seat B=Female seat		

TOLERAVCE

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

PROJECTION



DATE:

2016-3-29

DRAWN:

TANG-S-G

CHECKED:

APPROVED:

TITLE:

Double socket connector
2.00mm H=2.80 L=7.40mm

PART NO: QZTC2-DXXXXXX0740B

DRAWING NO: 2016032907

REV: A0	UNIT: mm	SCALE: full	SIZE: A4
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Qztconn 东莞市启之泰电子科技有限公司

启之泰