

REVISION DATA		
REV	DESCRIPTION	DATE
A0	NEW DRAWING	16-4-13

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 m² 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

Electrical:

Current rating:3Amps/contact max.

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

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

Operating voltage:60VAC/DC

Mechanical:

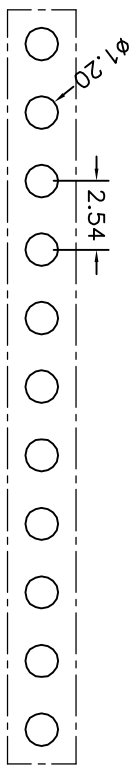
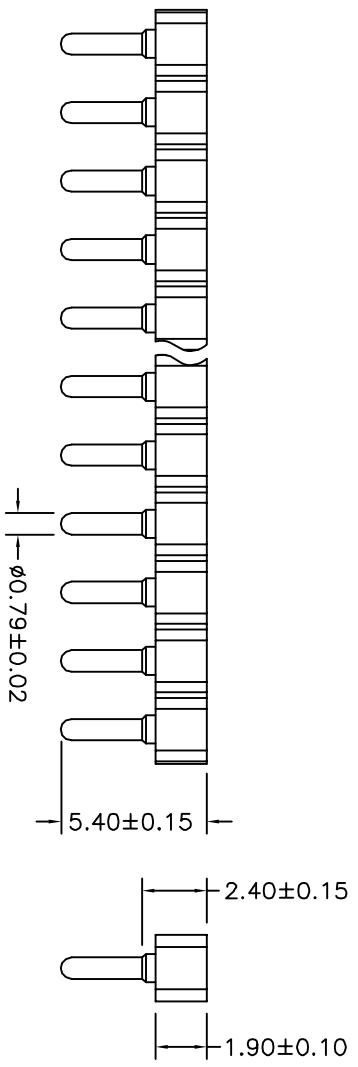
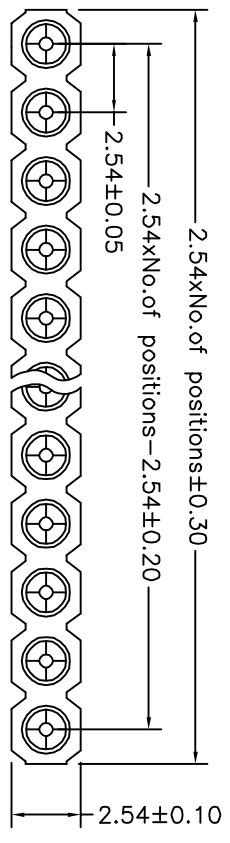
Average Insertion force with steel pin of $\phi 0.432$: $< 250g$

Average withdrawal force with steel pin of $\phi 0.432$: $> 70g$

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	X	X	X	X	X	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 $^{\circ}$
									R=90 $^{\circ}$
									S=SNF
									I=IC
					No. of Positions	XX positions			Pin plated
									T1=Tin 150 μ
									T2=Tin 200 μ
									G1=G/F
									G2=Gold 3 μ
									G3=Gold 10 μ
									G4=Gold 15 μ
									G5=Gold 30 μ
									CLIP plated
									T1=Tin 150 μ
									T2=Tin 200 μ
									G1=G/F
									G2=Gold 3 μ
									G3=Gold 10 μ
									G4=Gold 15 μ
									G5=Gold 30 μ
									Pin Length Options
									05=5.40mm
									Specifications
									A=Public seat
									B=Female seat

QZTconn 东莞市启之泰电子科技有限公司

启之泰

TOLERAVCE	PROJECTON	TITLE:
X,XXX		Single socket connector 2.54mm
X,XX		L=5.40mm H=1.90
X,X		PART NO:QZTD1-DXXXXXX0540B-2
X,		DRAWING NO:2016041302
ANGLE	APPROVED:	REV: A0 UNIT: mm SCALE: FULL SIZE: A4