

REVISION DATA		
REV	DESCRIPTION	DATE
A0	NEW DRAWING	16-4-21

Technical Data

Material:

Pin(outer sleeve):Brass, machined CuZn38Pb2

Plating(outer sleeve):

Tin Plated:2μm/80μm"Ni, 5μm/200μ"Sn

Gold Plated:2μm"/80μm"Ni, 0.8μ" gold

Plating(Contact ):2μm/80μ"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:≤4mΩ/contact

Insulation resistance:≥1000MΩ at V=100V

Operating voitage:60VAC/DC

Mechanical:

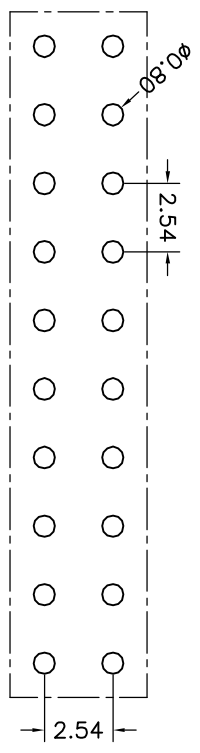
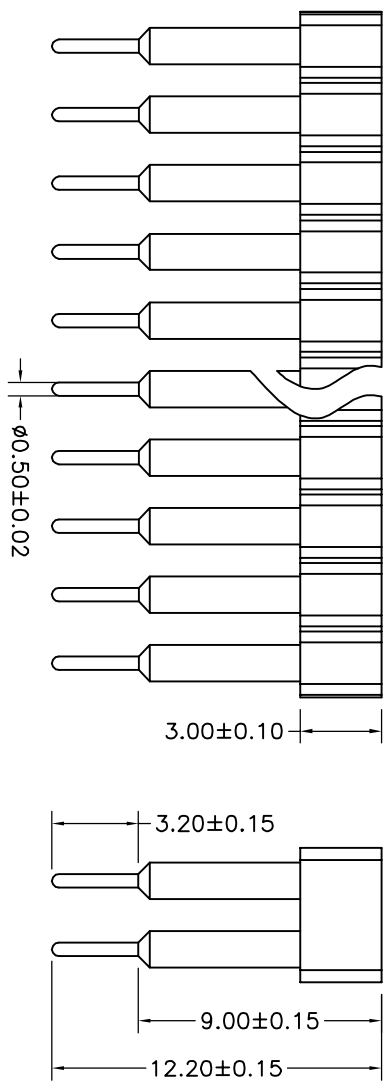
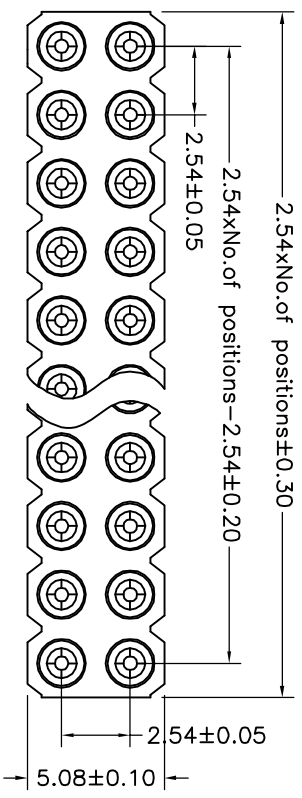
Average Insertion force with steel pin of ∅0.432: <250g

Average withdrawal force with steel pin of ∅0.432: >70g

Mechanical lige cycle:min 200

Operating temperature:-40° C to+105° C

Soldering temperature:+255° C



P. C. B LAYOUT

Q27	X	X	-	X	XX	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=TiN 150u"
									T2=TiN 200u"
									G1=6/F
									G2=gold 3u"
									G3=gold 10u"
									G4=gold 15u"
									G5=gold 30u"
					CLIP plated				T1=TiN 150u"
									T2=TiN 200u"
									G1=6/F
									G2=gold 3u"
									G3=gold 10u"
									G4=gold 15u"
									G5=gold 30u"
					Pin Length Options	1220-12.20mm			Specifications
									A=Public seat
									B=Female seat

aztconn 东莞启之泰电子科技有限公司

TOLERAVCE	PROJ ECTON	TITLE:
X,XXX ±0.05		Double socket connector 2.54mm
X,XX ±0.15		L=12.20mm
X,X ±0.20		PART NO:QZTD2-DXXXXXX1220B-1
X, ±0.30		DRAWING NO:2016042107
ANGLE ±5.0°		REV: A0