

REVISION DATA		
REV	DESCRIPTION	DATE
A0	NEW DRAWING	16-4-15

Technical Data

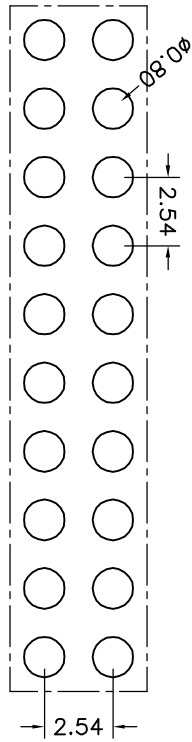
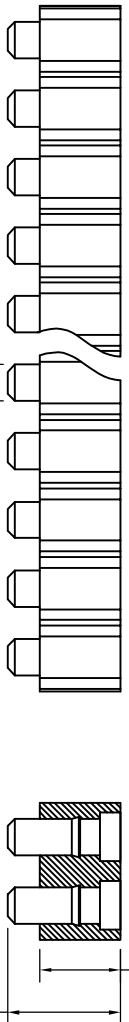
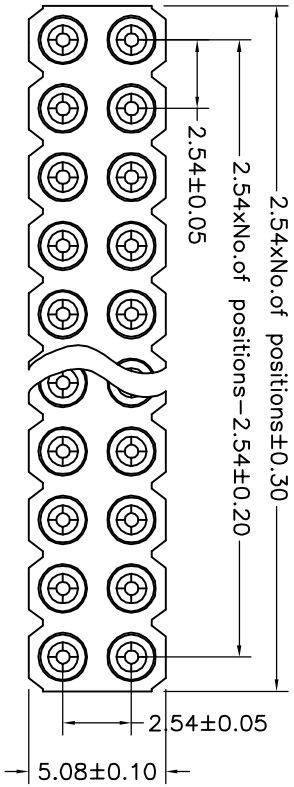
Material: Pin(outer sleeve):Brass, machined CuZn38Pb2
 Plating(outer sleeve):
 Tin Plated: $2\mu\text{m}/80\mu\text{m}^{\text{Ni}}, 5\mu\text{m}/200\mu^{\text{Sn}}$
 Gold Plated: $2\mu\text{m}^{\text{Ni}}/80\mu\text{m}^{\text{Ni}}, 0.8\mu^{\text{gold}}$
 Plating(Contact): $2\mu\text{m}/80\mu^{\text{Ni}}$, gold or Tin plated
 Insulator:PPS UL94V-0
 Clip(Contact 4 Flinger):Beryllium copper, heat teated

Electrical:

Current rating: $3\text{amps}/\text{contact max.}$
 Contact resistance: $\leq 4\text{m}\Omega/\text{contact}$
 Insulation resistance: $\geq 1000\text{M}\Omega$ at $V=100\text{V}$
 Dielectric Withstanding Voltage: 1000V AV Min
 Operating voltage: $60\text{VAC}/\text{DC}$

Mechanical:

Average Insertion force with steel pin of $\varnothing 0.66\text{mm}/0.38''$: $< 250\text{g}$
 Average withdrawal force with steel pin of $\varnothing 0.66\text{mm}/0.38''$: $< 70\text{g}$
 Mechanical life cycle:min 200
 Operating temperature: -40°C to $+105^{\circ}\text{C}$
 Soldering temperature: $+255^{\circ}\text{C}$



P. C. B LAYOUT

Q2T	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	Pin plated T1=Tin 150u" T2=Tin 200u" G1=6/P G2=Gold 3u" G3=Gold 10u" G4=Gold 15u" G5=Gold 30u"	CLIP plated T1=Tin 150u" T2=Tin 200u" G1=6/P G2=Gold 3u" G3=Gold 10u" G4=Gold 15u" G5=Gold 30u"	Pin Length Options 0/20=4.20mm	Specifications A=Public seat B=Female seat		

aztconn 东莞市启之泰电子科技有限公司

启之泰

TOLERAVCE	PROJ ECTON	TITLE:
X, XXX ±0.05	DATE: 2016-4-15	Double socket connector 2.54mm L=4, 20mm H=3, 00mm
X, XX ±0.15	DRAWN: TANG-S-G	PART NO: QZTD2-DXXXXXX0420B
X, X ±0.20	CHECKED:	DRAWING NO: 2016041501
ANGLE ±0.30	APPROVED:	REV: A0 UNIT: mm SCALE: FULL SIZE: A4