

REVISION DATA		
REV	DESCRIPTION	DATE
A0	NEW DRAWING	16-5-15

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 treated

Electrical:

Current rating:3Amps/contact max.

Contact resistance: $\leq 4\text{m}\Omega$ /contact

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

Operating voltage:60VAC/DC

Mechanical:

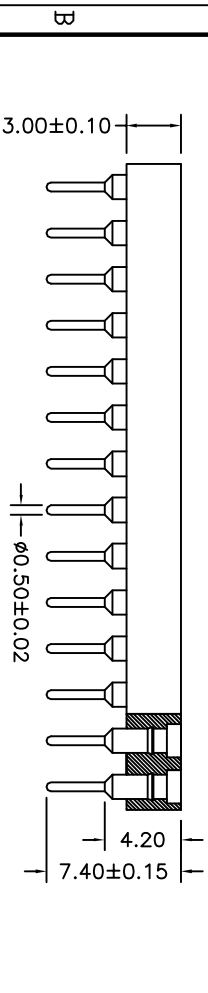
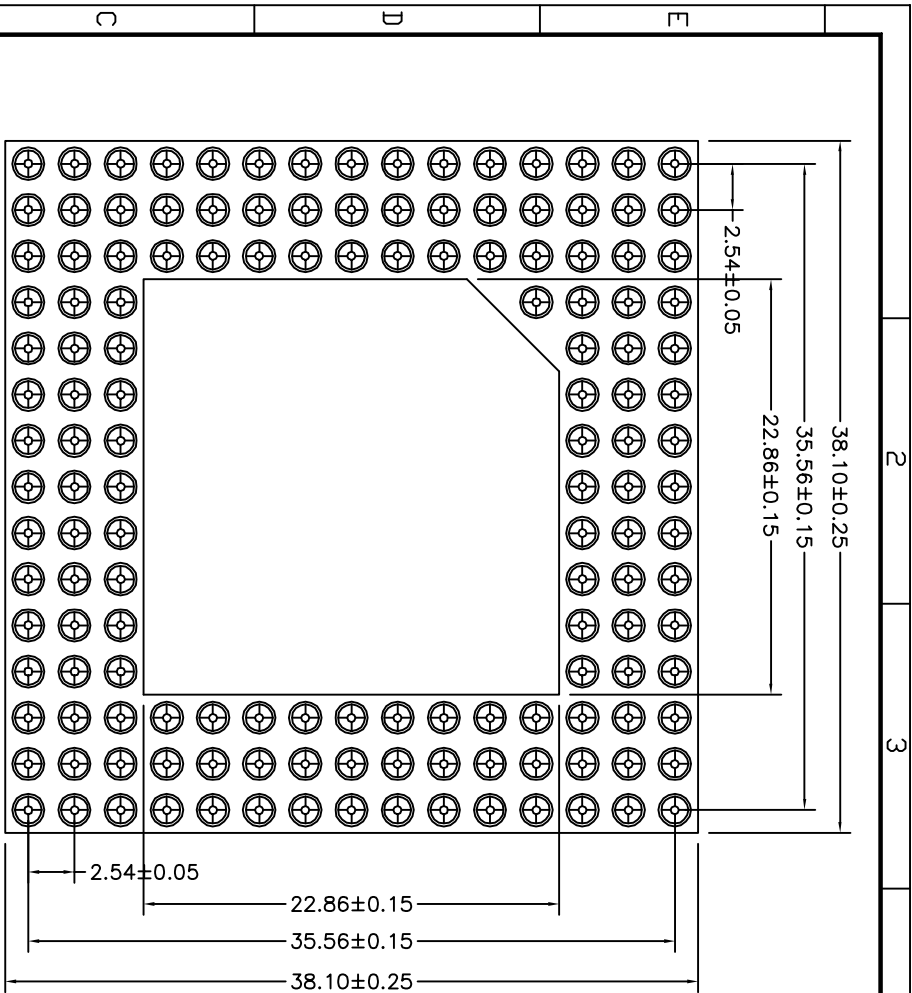
Average Insertion force with steel pin of  $\varnothing 0.432$ : $< 250\text{g}$

Average withdrawal force with steel pin of  $\varnothing 0.432$ : $> 70\text{g}$

Mechanical life cycle:min 200

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

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



QZT	X	X	XXX	X	XX	XXXX	X
Pitch(mm) A=2.54X2, 54 B=2.54X1, 27 C=1.27X1, 27	Angel Options P=PA C1=PLCC-SMT C2=PLCC-DIP	No. of Positions XXX positions 145=145PIN	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 07/40=7.40mm	Specifications A=Public seat B=Female seat	

**dzconn** 东莞市启之泰电子科技有限公司

启之泰

TOLERANCE	PROJECTION	TITLE:
X, XXX X, XX X, X X, X	DATE: DRAWN: CHECKED: APPROVED:	Pin grid array sockets 2.54x2, 54mm 145PIN PART NO: QZTA-P145XXX0740B DRAWING NO: 2016051519
±0.05 ±0.15 ±0.20 ±0.30 ±5.0°	2016-5-15 TANG-S-G	REV: A0 UNIT: mm SCALE: 1:1 SIZE: A4 PAGE: 1/2