

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 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 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 4m Ω /contact

Insulation resistance: \geq 1000M Ω at V=100V

Operating voltage:60VAC/DC

Mechanical:

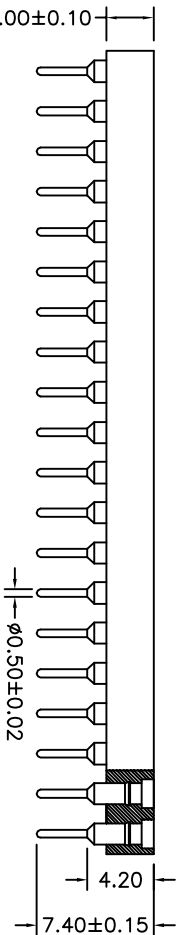
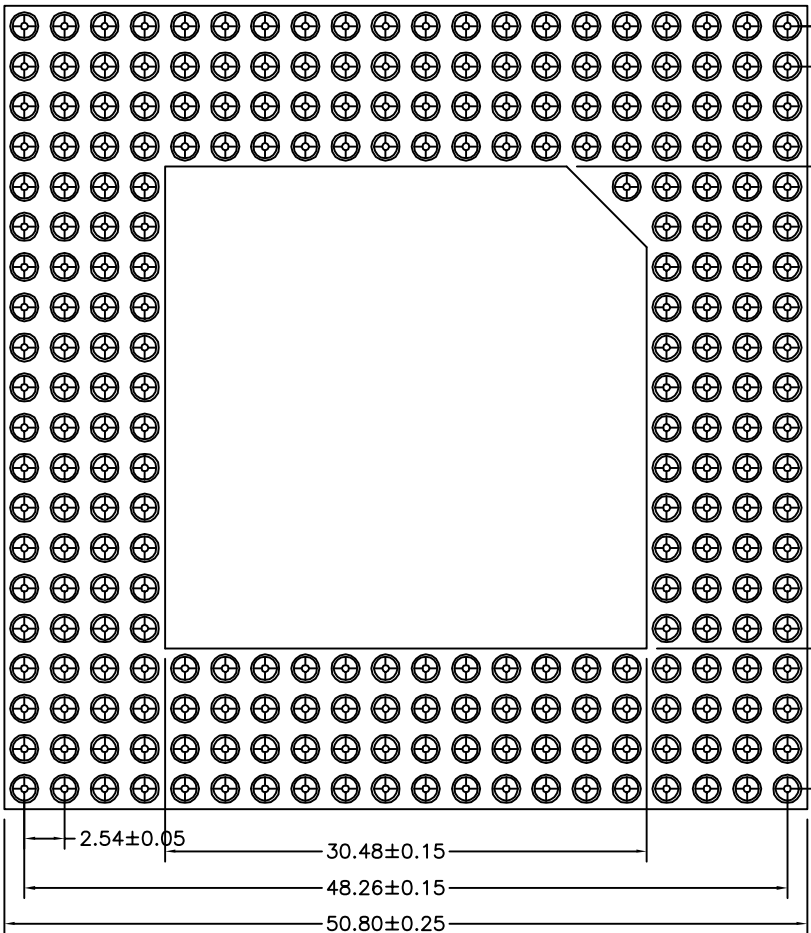
Average Insertion force with steel pin of \varnothing 0.432: <250g

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

Mechanical life cycle:min 200

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

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



Q271	X	X	XX	XX	XXXX	X
Pitch(mm) A=2.54X2, 54 B=2.54X1, 27 C=1.27X1, 27	Angel Options P=GA C1=PLCC-SMT C2=PLCC-DIP	No. of Positions XXX positions 257=257PIN	Pin plated T1=Tin 150 μ T2=Tin 200 μ G1=6/F G2=gold 3 μ G3=gold 10 μ G4=gold 15 μ G5=gold 30 μ	CLIP plated T1=Tin 180 μ T2=Tin 200 μ G1=6/F G2=gold 3 μ G3=gold 10 μ G4=gold 15 μ G5=gold 30 μ	Pin Length Options 07/40=7, 40mm	Specifications A=Public seat B=Female seat

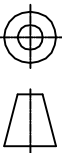
dzconn 东莞市启之泰电子科技有限公司

启之泰

TOLERANCE

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

PROJ ECTON



TITLE:

Pin grid array sockets

2.54x2, 54mm 257PIN

DATE: 2016-5-15

PART NO: Q271A-P257XXXX0740B

DRAWN: TANG-S-G

DRAWING NO:2016051531

CHECKED:

REV: A0

APPROVED:

UNIT: mm SCALE: 1:1 SIZE: A4 PAGE: 1/2