



Q27A	X	X	XXX	XX	XX	XXXX	X
Pitch(mm) A=2.54X2, 54 B=2.54X1, 27 C=1.27X1, 27	Angel Options P=PGA C1=PLCC-SMT C2=PLCC-DIP	No. of Positions XXX positions 241=241PIN	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 180u" 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	

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: 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 Finger): Beryllium copper, heat treated

Electrical:
 Current rating: 3Amps/contact max.
 Contact resistance: ≤4mΩ/contact
 Insulation resistance: ≥1000MΩ at V=100V
 Operating voltage: 60VAC/DC

Mechanical:
 Average Insertion force with steel pin of ∅0.432: <250g
 Average withdrawal force with steel pin of ∅0.432: >70g
 Mechanical life cycle: min 200
 Operating temperature: -40 ° C to +105 ° C
 Soldering temperature: +255 ° C

dzconn 东莞市启之泰电子科技有限公司
 启之泰

TOLERANCE	PROJECTION	TITLE:
X, XXX ±0.05 X, XX ±0.15 X, X ±0.20 X, ±0.30 X, ±5.0° ANGLE	DATE: 2016-5-15 DRAWN: TANG-S-G CHECKED: APPROVED:	Pin grid array sockets 2.54x2, 54mm 241PIN PART NO: Q27A-P241XXXX0740B DRAWING NO: 2016051529