



**Technical Data**

**Material:**

Pin(outer sleeve): Brass, machined CuZn38Pb2

Plating(outer sleeve):

Tin Plated: 2μm/80μm Ni, 5μm/200μm Sn

Gold Plated: 2μm/80μm Ni, 0.8μm gold

Plating(Contact): 2μm/80μm 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

Serial number	No. of Positions	PART NO	A	B	C	D	E
12	20	QZTD4-I320XXXX0740B	25.4	22.86	10.16	12.60	14.80
13	22	QZTD4-I322XXXX0740B	27.94	25.4	10.16	12.60	14.80
14	24	QZTD4-I324XXXX0740B	30.48	27.94	10.16	12.60	14.80
15	28	QZTD4-I328XXXX0740B	35.56	33.02	10.16	12.60	14.80
16	32	QZTD4-I332XXXX0740B	40.64	38.1	10.16	12.60	14.80

**qztconn**  
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QZT	X	X	X	XX	XX	XX	XXXX	X
Pitch(mm) A=1.27 B=1.778 C=2.00 D=2.54	Dip spring 0= No 1=1.27mm 2=2.54mm 3=7.62mm 4=10.16mm 5=15.24mm	Angel Options D=180° R=90° S=SMT I1=IC-180度 I2=IC-90度 I3=IC-SMT	No. of Positions XX positions	Pin plated T1=Tin 150u" T2=Tin 200u" G1=G/F G2=Gold 3u" G3=Gold 10u" G4=Gold 15u" G5=Gold 30u"	CLIP plated T1=Tin 150u" T2=Tin 200u" G1=G/F G2=Gold 3u" G3=Gold 10u" G4=Gold 15u" G5=Gold 30u"	Pin Length Options 0743=7.43mm	Specifications A=Public seat B=Female seat	