

SPECIFICATIONS

Mechanical

Mating Force: 100gf max. per Contact
Unmating Force: 10gf min. per Contact
Durability: 100 Cycles

Electrical

Current Rating: 0.5A DC
Contact Resistance: 40mΩ max. (initial) , 50mΩ max. (after)
Dielectrical Withstanding Voltage: 300V
Insulation Resistance: 100MΩ min.

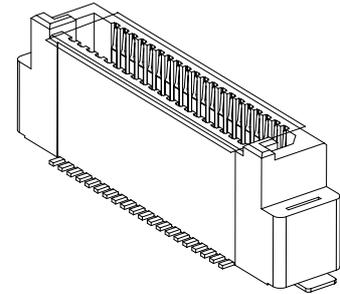
Physical

Housing: LCP, UL 94V-0 rated in Ivory White Color
Contact: Brass
Plating: 50u" min. Nickel Base Plating
 1~4u" min. Gold Plating on Contact Area
 100u" min Tin/Lead on Solder Tail Area
Metal Ear: Phosphor Bronze
Operating Temperature: -55 to +85

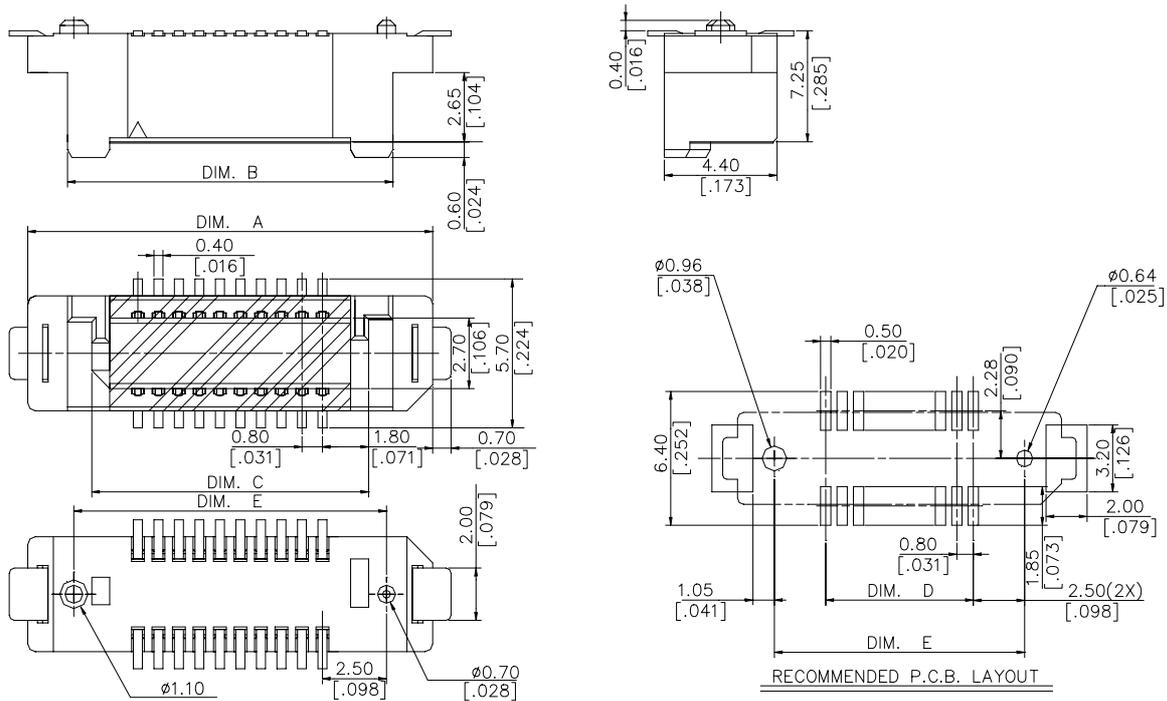
Board to Board Connector

QT80 Series
0.80mm [.031"] Pitch
Vertical, Plug

Mated with QT81 Series



DRAWING



ORDERING INFORMATION

PRODUCT NO.: Q T 8 0 * * * A - 4 1 1 1

- Fine Pitch
- Board To Board Conn.
- 8=0.8[.031"] pitch
- 0=Plug.
- NO. of Pos.
020=20Pin
160=160Pin
- Metal Ear
1=W/ ME
- Package:
1=Tape&Reel,W/ PI Film
- Post:
1=W/ Post
- Profile Height:
4=7.25[.285"]
- Contact Area Plating:
A=4~10u" Gold

120	55.8 [2.197]	52.7 [2.074]	50.8 [2.000]	47.2 [1.858]	52.2 [2.055]
100	47.8 [1.882]	44.7 [1.760]	42.8 [1.685]	39.2 [1.543]	44.2 [1.740]
80	39.8 [1.551]	36.7 [1.445]	34.8 [1.370]	31.2 [1.228]	36.2 [1.425]
70	35.8 [1.409]	32.7 [1.287]	30.8 [1.202]	27.2 [1.071]	32.2 [1.268]
60	31.8 [1.252]	28.7 [1.130]	26.8 [1.055]	23.2 [.913]	28.2 [1.110]
50	27.8 [1.094]	24.7 [.972]	22.8 [.898]	19.2 [.756]	24.2 [.953]
40	23.8 [.937]	20.7 [.814]	18.8 [.740]	15.2 [.598]	20.2 [.795]
30	19.8 [.780]	16.7 [.657]	14.8 [.572]	11.2 [.441]	16.2 [.638]
20	15.8 [.622]	12.7 [.500]	10.8 [.425]	7.2 [.283]	12.2 [.480]
POS.	DIM. A	DIM. B	DIM. C	DIM. D	DIM. E