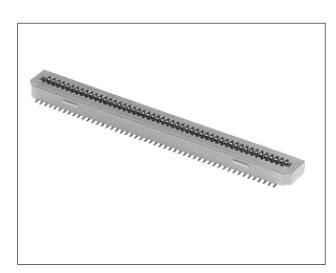
0.8 mm, Vertical, Surfacemount, 3 mm Stack Height

P08 Series



- 0.8 mm pitch connector system
- 3 mm mated stack height
- · Surface mount design
- Locking mechanism with audible click when fully mated
- Tape and reel with suction covers available for automated assembly placement
- RoHS Compliant. See the Regulatory Information Appendix (RIA) in the "RoHS compliance" section of www.3Mconnectors.com for compliance information (RIA E1 & C1 apply)

Date Modified: February 21, 2017

TS-1150-G Sheet 1 of 2

Physical

Insulation

Material: High Temp Thermo Plastic

Flammability: UL 94V-0 Color: Natural

Contact:

Material: Copper Alloy

Plating:

Underplating: 50 μ" [1.25 μm] Nickel Wiping Area: 8 μ" [0.20 μm] Gold

Solder Tails: Gold Flash

Mating Compatibility: P08 Series Plugs. TS-1096

Electrical

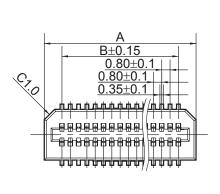
Current Rating: 0.5 AVoltage Rating: $60 \text{ V}_{AC/DC}$

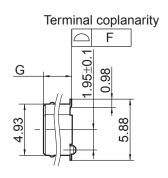
Insulation Resistance: $10^3 \, \text{M}\Omega \, \text{min.}$ at $500 \, \text{V}_{\text{DC}}$ **Withstanding Voltage:** $250 \, \text{V}_{\text{AC}}$ for 1 minute

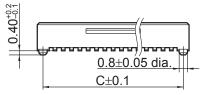
Environmental

Temperature Rating: -55°C to +85°C

Process Rating: 245°C (profile per J-STD-020) **Moisture Sensitivity Level:** MSL 1 (per J-STD-020) 0.8 mm, Vertical, Surfacemount, 3 mm Stack Height



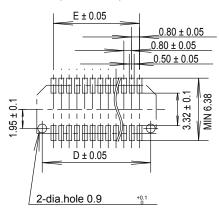




Dimensions

No. of Contacts	Α	В	С	D	Е	F
20	10.6	7.2	9.5	9.5	7.2	0.1
40	18.6	15.2	17.5	17.5	15.2	0.1
80	35.4	31.2	33.5	33.5	31.2	0.15

Recommended PC board pattern (TOP VIEW)

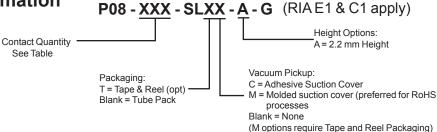


Stacking Matrix

		Stack Height When Mated To:
Skt Type	Dim G	A Plug
Α	2.2	3

| mm (inch) | Tolerance Unless Noted | .0 | .00 | .000 | mm | ±.3 | ±.3 | () Dimensions used for Reference Only





TS-1150-G Sheet 2 of 2 Regulatory: For regulatory information about this product, contact your 3M representative.

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