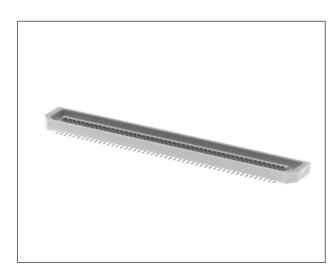
0.8 mm, Vertical, Surfacemount, 3 mm Stack Height

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 23, 2017

TS-1096-G Sheet 1 of 2

## **Physical**

#### Insulation

Material: High Temp Thermo Plastic

Flammability: UL 94V-0

Color: Natural

**Contact:** 

Material: Copper Alloy

Plating:

Underplating:  $50 \mu$ " [1.25  $\mu$ m] Nickel Wiping Area:  $8 \mu$ " [0.20  $\mu$ m] Gold

Solder Tails: Gold Flash

Mating Compatibility: P08 Series Sockets. TS-1150

### **Electrical**

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

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

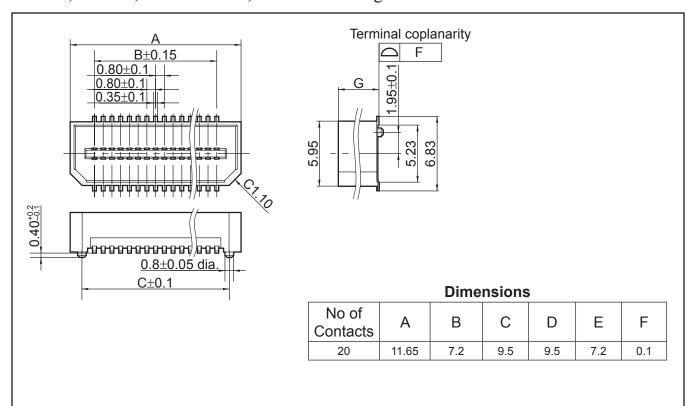
#### **Environmental**

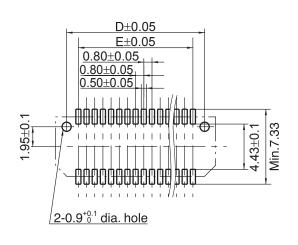
**Temperature Rating:** -55°C to +85°C

**Process Rating:** 245°C (profile per J-STD-020)

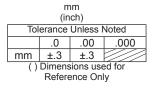
Moisture Sensitivity Level: MSL 1 (per J-STD-020)

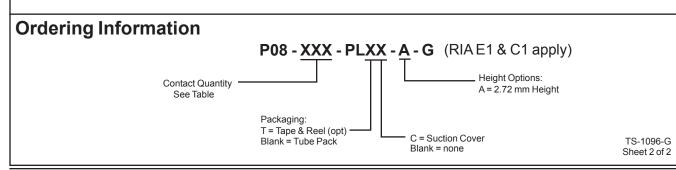
0.8 mm, Vertical, Surfacemount, 3 mm Stack Height





Stacking Matrix		
		Stack Height When Mated To:
Plug Type	Dim G	A Skt
Α	2.72	3





Regulatory: For regulatory information about this product, contact your 3M representative.

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