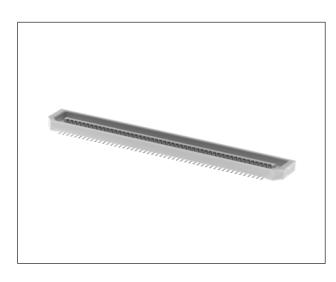
# 3M<sup>™</sup> Pak 8 Plug Connector

0.8 mm, Vertical, Surfacemount, 3 mm to 8 mm Stack Height

P08 Series



- 0.8 mm pitch connector system
- Mated heights available from 3 mm to 8 mm
- Surface mount design
- Locking mechanism with audible click when fullymated
- 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.3M.com/Interconnects for compliance information (RIA E1 & C1 apply)

Date Modified: September 9, 2009

TS-1096-E Sheet 1 of 2

### **Physical**

Insulation

Material: Liquid Crystal Polymer (LCP)

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:  $60 V_{AC/DC}$ 

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

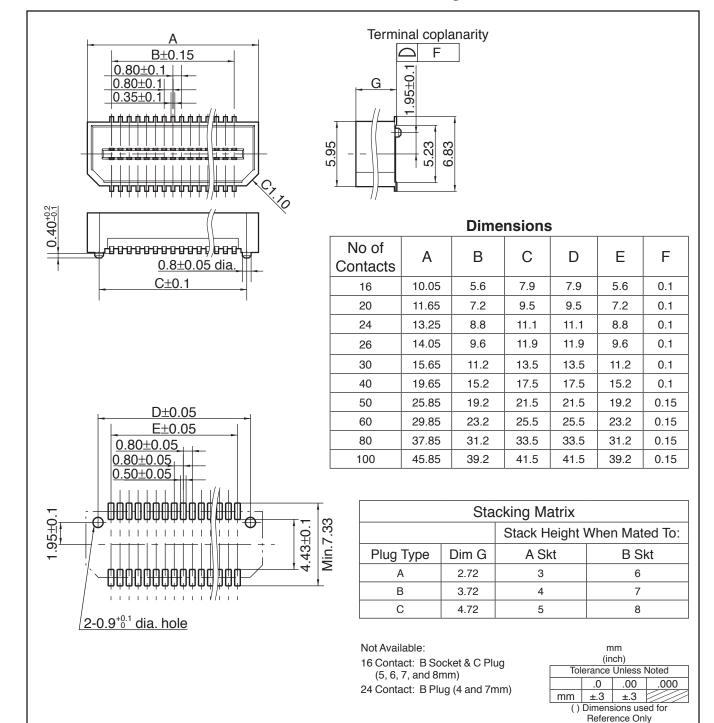
#### **Environmental**

Temperature Rating: -55°C to +85°C

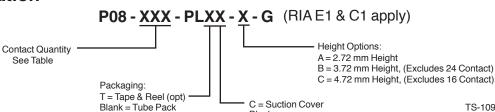
Process Rating: 260°C (profile per J-STD-020)

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

0.8 mm, Vertical, Surfacemount, 3 mm to 8 mm Stack Height



## **Ordering Information**



Blank = none

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TS-1096-E

Sheet 2 of 2

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