## 3M<sup>™</sup> Pak 50 Low Profile Wiremount Socket

.050" for .025" Pitch Cable

**P25LE Series** 



- P25LE terminates 25 mil pitch, 30 AWG stranded wire, PVC insulated, flat ribbon cable
- Low profile 11.8 mm mated height
- P50LE mate offers surface mount, straight and right angle thru-hole options
- Latch/eject mechanism maintains a secure connection
- Cable strain relief standard
- Tooling available for customer cable assembly termination
- Visit 3M.com/regs or contact your 3M representative to find the RoHS compliance status of the 3M part you are interested in.

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## **Physical**

**Insulator:** 

Material: Glass Filled Nylon

Flammability: UL 94V-0

Color: Brown

Contact Material: Phosphor Bronze

**Plating:** 

Underplating: Nickel
Wiping Area: Gold Flash
Termination Area: Gold Flash

Wire Accommodation: 30 AWG Stranded PVC Flat Ribbon Cable (3M #3754 or approved equivalent)

**Mating Compatibility:** TS-1148

## **Electrical**

**Current Rating:** 0.5 A

**Insulation Resistance:**  $> 1 \times 10^9 \Omega$  at 250 V<sub>DC</sub> **Withstanding Voltage:**  $300 \text{ V}_{AC}$  for 1 minute

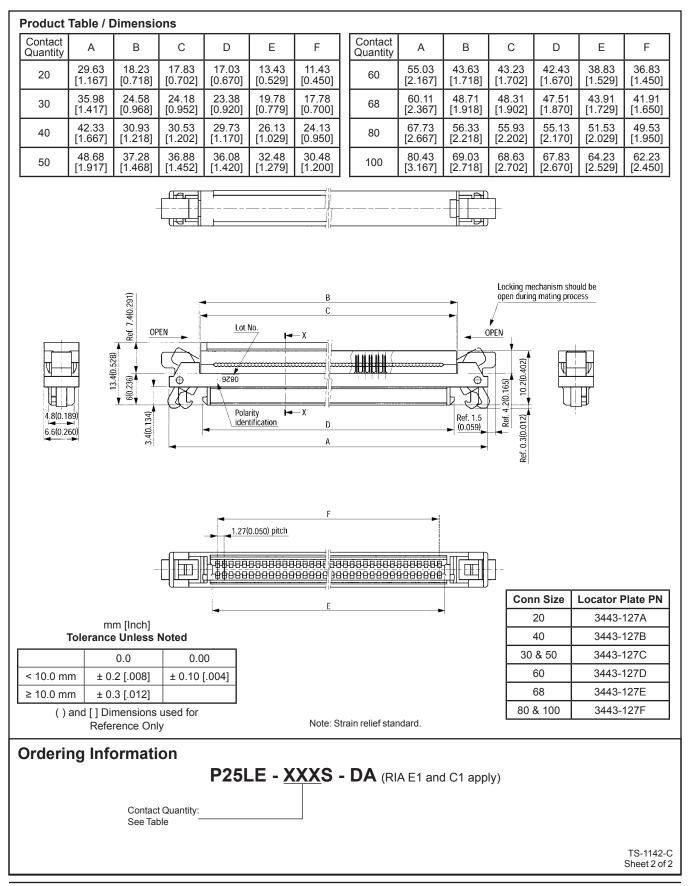
## **Environmental**

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

UL File No.: E68080

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

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