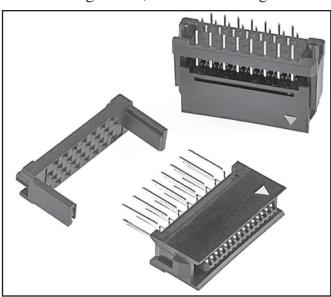
3M[™] Pak 50 Boardmount Plug

.050" Through-Hole, Vertical Stacking





- Stacking connector available in 20, 24 and 30 mm stacking heights
- Custom stack heights between 18 and 30 mm available
- Mates with 3M[™] P50 Series Straight and Right Angle socket connectors
- Two mating points per contact
- Alignment posts facilitate easy mating
- RoHS Compliant. See the Regulatory Information Appendix (RIA) in the "RoHS Compliance" section of www.3Mconnector.com for compliance information (RIA E1 and C1 apply)

Date Modified: February 18, 2010

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Physical

Insulator:

Material: Glass Filled Nylon

Flammability: UL 94V-0

Color: Black

Contact Material: Phosphor Bronze

Plating:

Underplating: Nickel

Wiping Area: 10 μ" Gold

Solder Tails: Gold Flash

Mating Compatibility: TS-2047

Electrical

Current Rating: 0.5 A

Insulation Resistance: $> 1 \times 10^9 \Omega$ at $500 V_{DC}$ **Withstanding Voltage:** $650 V_{AC}$ for 1 minute

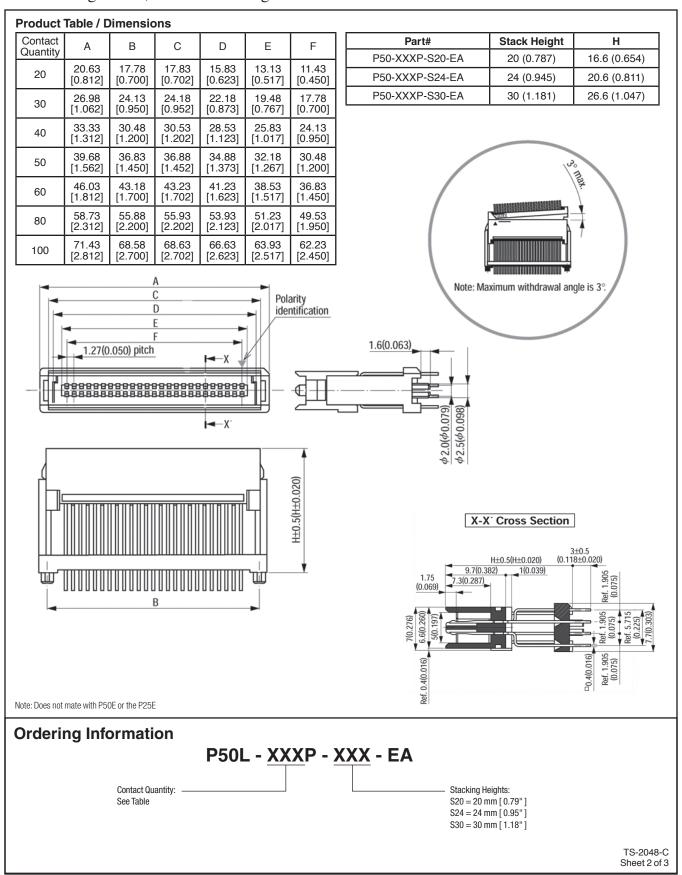
Environmental

Temperature Rating: -55°C to +85°C

Process Rating: 260°C Wave Solder Compatible

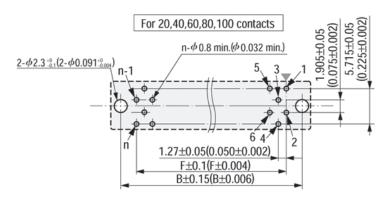
UL File No.: E68080

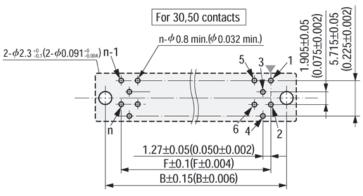
.050" Through-Hole, Vertical Stacking



.050" Through-Hole, Vertical Stacking

Printed Circuit Board Layout (Component Side View)





■=Polarity identification

Recommended PCB Thickness $t=1.6\pm0.19(0.063\pm0.007)$

"n" is number of contacts.

Note: Does not mate with P50E or the P25E

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