## 3M<sup>™</sup> Pak 50 Boardmount Plug

050" Thru-hole, Vertical Stacking

<ul> <li>Stacking connector available in 20, 2 mm stacking heights</li> <li>Mates with standard 3M<sup>™</sup> Pak 50 2-socket connectors (P50-XXXS-R1-X P50-XXXS-RR1-XXX)</li> <li>Alignment posts facilitate mating</li> <li>RoHS* compliant version (EA platin available</li> </ul>	-piece XXX and
Date Modified: May 15, 2006	TS-2048-03 Sheet 1 of 3

### **Physical**

Insulation	
Material:	Glass filled Nylon
Flammability:	UL 94V-0
Color:	Black
Contact	
Material:	Phosphor Bronze
Plating	
Underplating:	Nickel
Wiping Area:	Gold (see ordering information)
Solder Tails:	Tin Lead or Gold Flash (RoHS compliant) (See ordering information)

## Electrical

Current Rating:	0.5 A
Insulation Resistance:	$>1\times10^3\Omega$ at 500 Vdc
Withstanding Voltage:	650V AC for 1 minute

### Environmental

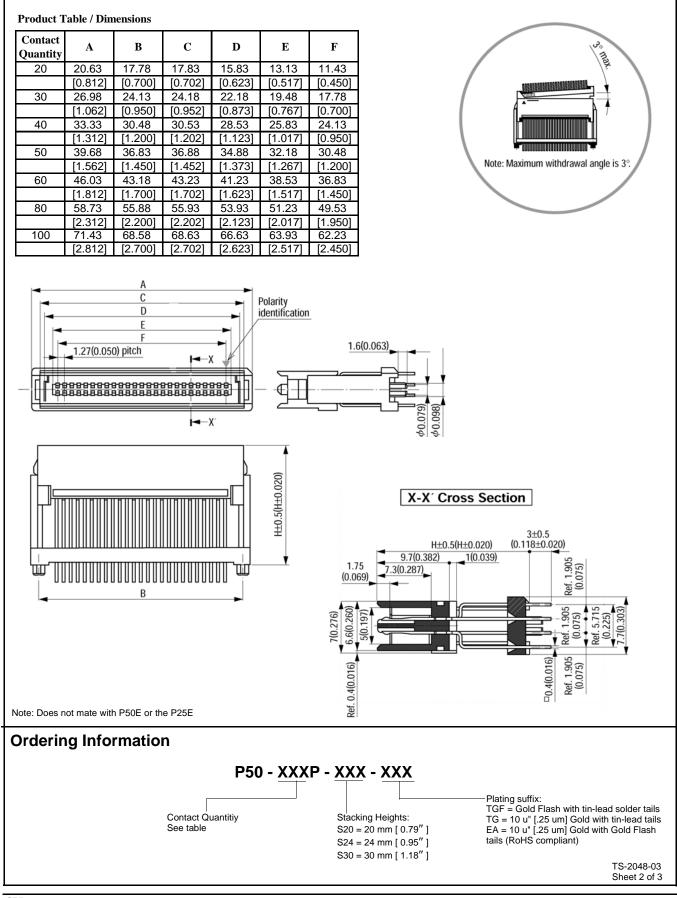
Temperature Rating:-55°C to +85°CProcess Rating:260°C (per J-STD-020C)

"RoHS compliant" means that the product or part does not contain any of the following substances in excess of the following maximum concentration values in any homogeneous material, unless the substance is in an application that is exempt under RoHS: (a) 0.1% (by weight) for lead, mercury, hexavalent chromium, polybrominated biphenyls or prolybromianted diphenyl ethers; or (b) 0.01% (by weight) for cadmium. Unless otherwise stated by 3M in writing, this information represents 3M's knowledge and belief based upon information provided by third party suppliers to 3M.

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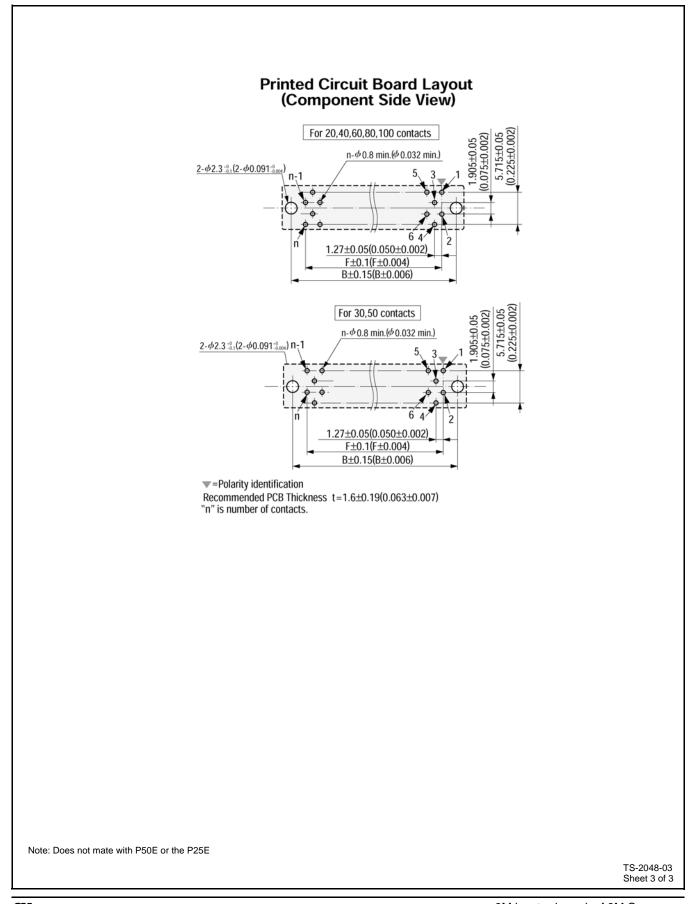
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3M Interconnect Solutions http://www.3M.com/interconnects/ **P50** Series

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050" Thru-hole, Vertical Stacking



SM Interconnect Solutions http://www.3M.com/interconnects/

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