# $3M^{TM}$ MetPak $^{TM}$ HSHM Press-Fit Header

2 mm Type DE, 200 Signal Contacts, 8 Rows, Straight

<ul> <li>Up to 5 Gb/s data rates</li> <li>Low crosstalk at high frequencies</li> <li>50/100 Ω (single-ended /differential) impedance</li> <li>Modular/scalable format IEC 61076-4-101</li> <li>101 mated lines per linear inch</li> <li>Integrated guide pin</li> <li>End-to-end stackable with 8 row 3M<sup>™</sup> MetPak<sup>™</sup> HM and HSHM headers</li> <li>See the Regulatory Information Appendix (RIA the "RoHS compliance" section of</li> </ul>	™ CP2,
www.3mconnector.com for compliance inform Date Modified: October 22, 2010	ation S-2077-B heet 1 of 3

## **Physical**

Insul	ati	on	:

Material: High Temperature Thermoplastic (LCP) Flammability: UL 94V-0 **Contact:** Material: Copper Alloy Plating: See Ordering Information

## Performance

### Mechanical:

Normal Force (Nominal):	0.57 N [58 g] Signal, 0.74 N [75 g] Shield
Engagement Force (Nominal):	0.32 N [33 g] Signal, 0.22 N [22 g] Shield
Separation Force (Nominal):	0.20 N [20 g] Signal, 0.20 N [20 g] Shield
Wipe (Nominal, Shortest Contact):	2.67 mm [0.105 in] Signal, 1.57 mm [0.062 in] Shield
Mate/Unmate Cycles:	250
Application:	This module is not suitable for stand-alone use. (Refer to IEC-61076-4-101)
Electrical:	
Electrical: Data Rate:	5 Gb/s
Data Rate:	5 Gb/s 50 Ω Single-ended, 100 Ω Differential
Data Rate:	50 Ω Single-ended, 100 Ω Differential
Data Rate: Characteristic Impedance:	50 Ω Single-ended, 100 Ω Differential 1 A @ 70° C Signal

## **Environmental**

Temperature Rating: -55° C to 125° C

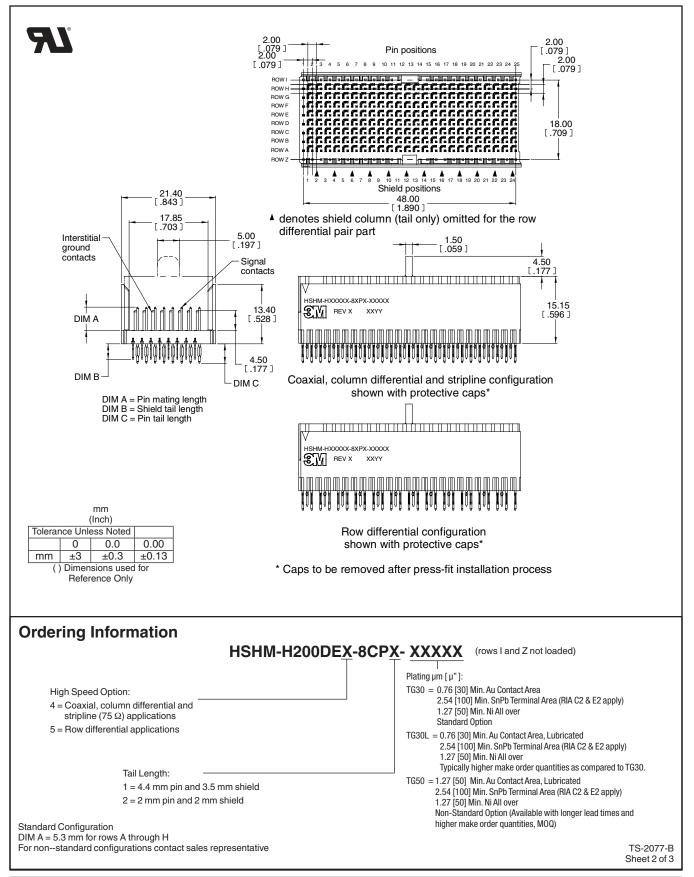
UL File No.: E68080

MetPak is a trademark of 3M Company.

## $3M^{TM}$ MetPak M HSHM Press-Fit Header

2 mm Type DE, 200 Signal Contacts, 8 Rows, Straight

HSHM Series



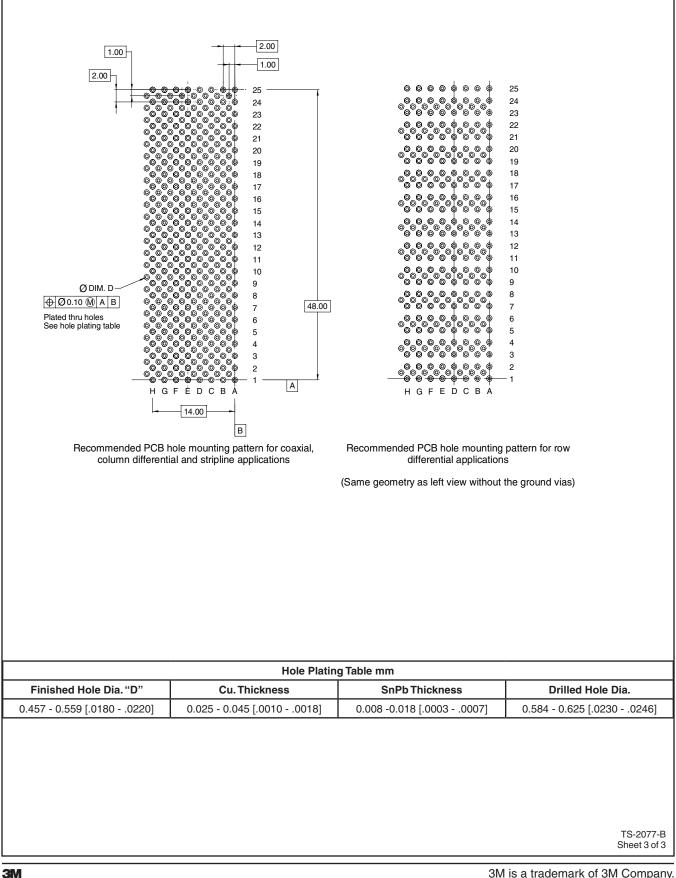
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### 2 mm Type DE, 200 Signal Contacts, 8 Rows, Straight

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