$3M^{TM}$ MetPak TM HM Header

2 mm Type D, 176 Signal Contacts, 8 Rows, Straight

- Modular/scalable format IEC 61076-4-101
- Press-fit or solder tail versions
- 101 mated lines per linear inch
- Multi-purpose center (MPC) keying and guidance
- End-to-end stackable with 8 row 3M[™] MetPak[™] HM and HSHM products
- Ships with protective cap, which also serves as an insertion tool
- See the Regulatory Information Appendix (RIA) in the "RoHS compliance" section of www.3mconnector.com for compliance information

Date Modified: November 16, 2010

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HM Series

Physical

Insulation:

Material:	High Temperature Thermoplastic (LCP)
Flammability:	UL 94V-0
Color:	
Material:	Copper Alloy
Plating:	See Ordering information
Marking:	3M Logo, Part Number, Revision, Date Code

Performance

Mechanical:

Normal Force (Nominal):	0.57 N [58 g] Signal
Engagement Force (Nominal):	0.32 N [33 g] Signal
Separation Force (Nominal):	0.20 N [20 g] Signal
Wipe (Nominal, Shortest Contact):	2.67 mm [0.105 in] Signal
Mate/Unmate Cycles:	250
Application:	This module is suitable for stand-alone use.
Electrical:	
Current Rating (Fully Loaded):	1 A @ 70° C Signal
	1 A @ 70° C Signal 1 x 10 ⁴ MΩ @ 100 V _{DC}

Environmental

Temperature Rating: -55° C to 125° C Process Rating: Maximum 260°C (per J-STD-020C) Withstanding Voltage: 1 (per J-STD-020C)

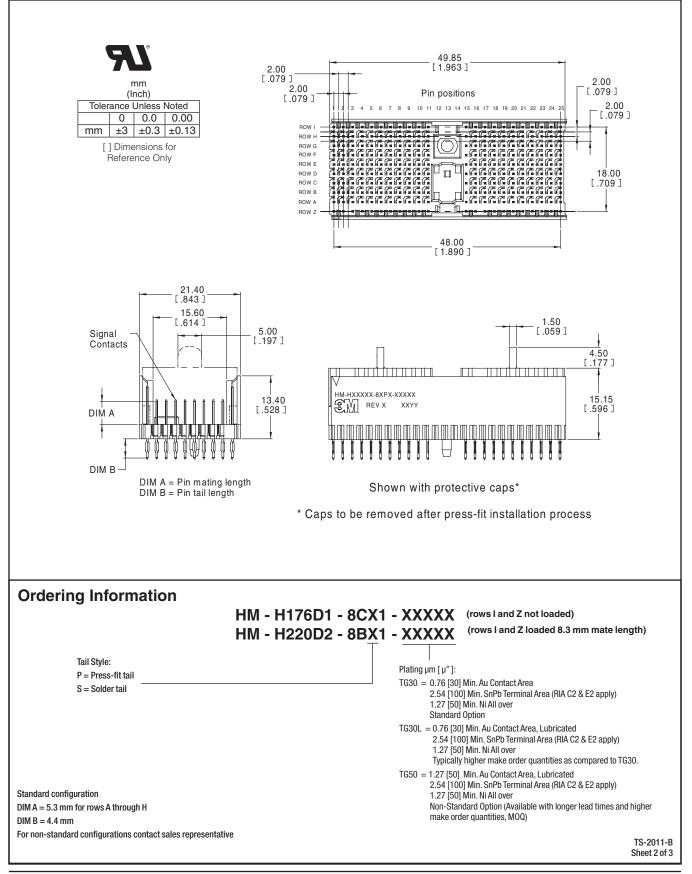
UL File No.: E68080

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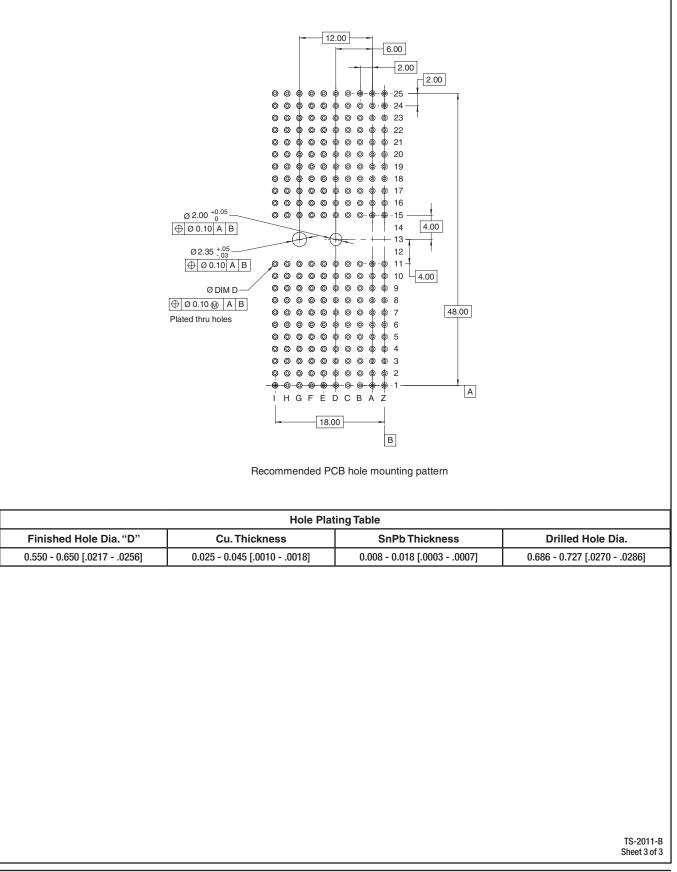
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