# imall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



### Contact us

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## $3M^{\text{TM}}$ MetPak $^{\text{TM}}$ HM Power Header

### 2 mm Type D, 176 Signal/4 Power Contacts, 8 Rows, Straight

**HM Series** 

	<ul> <li>Modular/scalable format IEC 61076-4-101</li> <li>Press-fit or solder tail versions</li> <li>101 mated lines per linear inch</li> <li>Four integrated 8.25 A power contacts and guide pin</li> <li>Ships with protective cap, which also serves as an insertion tool</li> <li>Integrated guide pin</li> <li>End-to-end stackable with 8 row 3M<sup>™</sup> MetPak<sup>™</sup> HM and HSHM products</li> <li>See the Regulatory Information Appendix (RIA) in the "RoHS compliance" section of www.3mconnector.com for compliance information Date Modified: April 29, 2011</li> </ul>
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#### **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, 0.98 N [ 100 g ] Power
Engagement Force (Nominal):	0.32 N [33 g] Signal, 1.42 N [ 145 g ] Power
Separation Force (Nominal):	0.20 N [20 g] Signal, 0.89 N [ 91 g ] Power
Wipe (Nominal, Shortest Contact):	2.67 mm [0.105 in] Signal, 1.93 N [ 0.076 in. ] Power
Mate/Unmate Cycles:	250
Application:	This module is suitable for stand-alone use.
Electrical:	
Current Rating (Fully Loaded):	1 A @ 70° C Signal, 8.25 A at 70×C Power
Insulation Resistance:	$1 \text{ x } 10^4 \text{ M}\Omega @ 100 \text{ V}_{\text{DC}}$
Withstanding Voltage:	$750  \mathrm{V_{rms}}$

#### Environmental

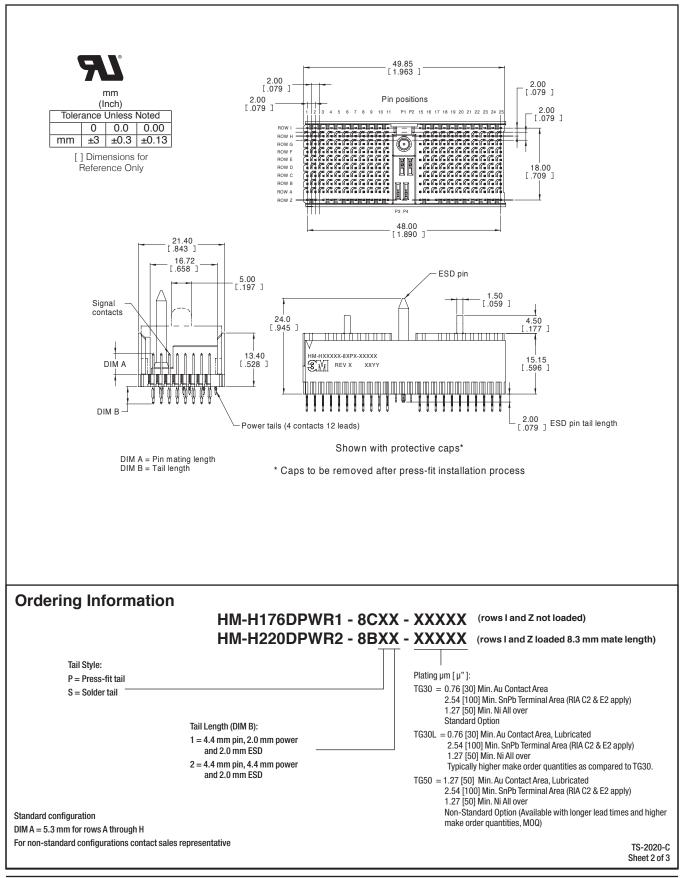
Temperature Rating: -55° C to 125° C Process Rating: Maximum 260°C (per J-STD-020C) Withstanding Voltage: (per J-STD-020C)

UL File No.: E68080

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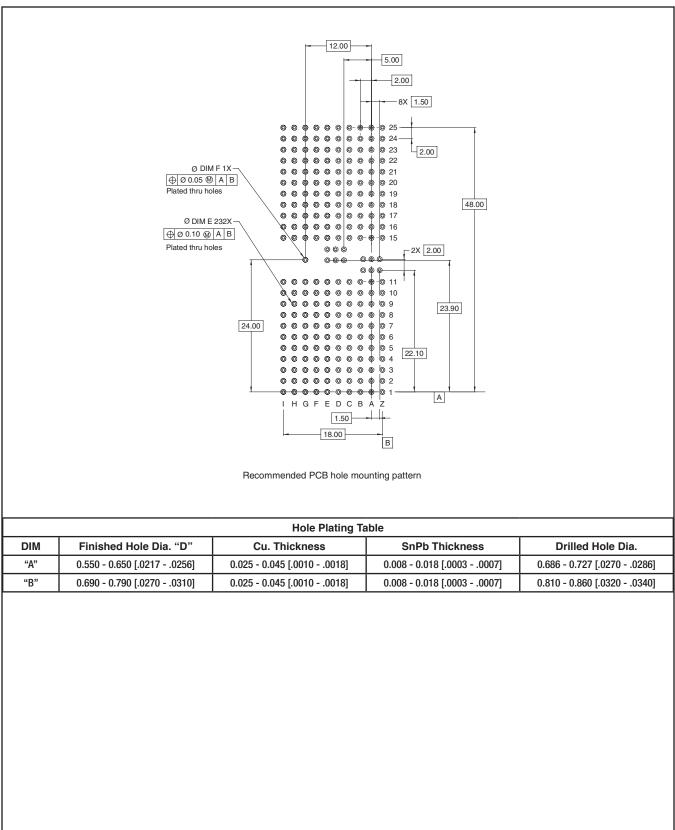
#### ЗМ

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