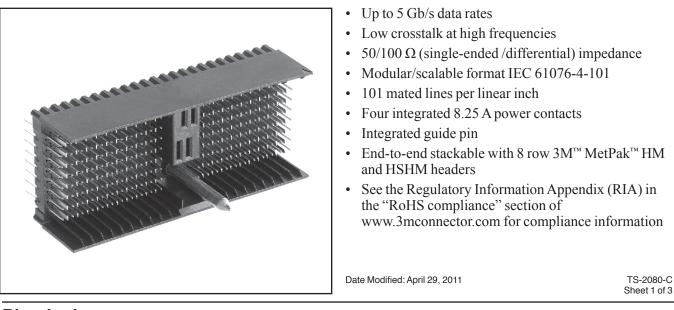
# $3M^{TM}$ MetPak<sup>TM</sup> HSHM Press-Fit Power Header

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



### **Physical**

#### **Insulation:**

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 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 $\Omega$ Single-ended, 100 $\Omega$ 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

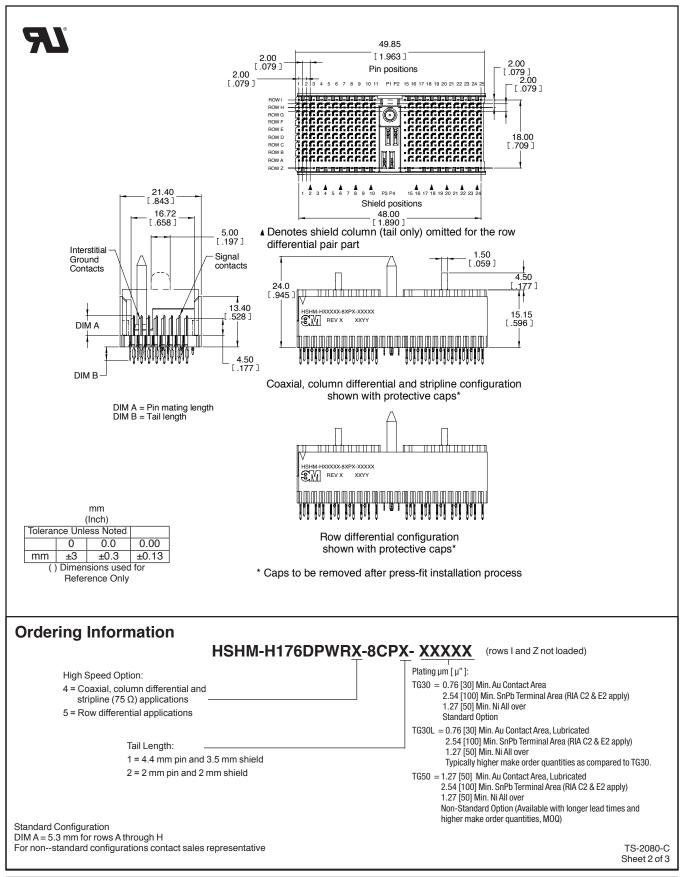
UL File No.: E68080

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## 3M<sup>™</sup> MetPak<sup>™</sup> HSHM Press-Fit Power Header

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

HSHM Series



#### ЗМ

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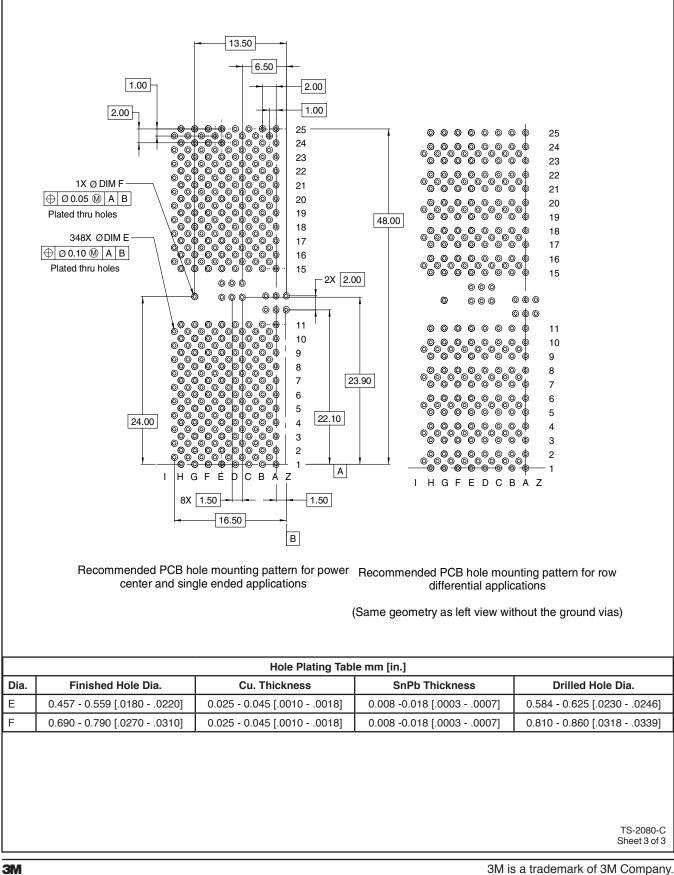
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