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

2 mm Type B22, 110 Signal Contacts, 5 Rows, Right Angle

		 Low crosstalk at high frequencies 50/100 Ω (single-ended/differential) impedance Modular/scalable format IEC 61076-4-101 Press-fit headers and receptacles 63 mated lines per linear inch Dual beam contact construction for high reliability End-to-end stackable with 5 row 3M[™] MetPak[™] CP2, HM, and HSHM sockets Mates with 5 row 3M[™] MetPak[™] CP2, HM, and HSHM headers See the Regulatory Information Appendix (RIA) in the "RoHS compliance" section of www.3mconnector.com for compliance information
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Physical

Insulation:

Material:High Temperature Thermoplastic (LCP)Flammability:UL 94V-0Color:Copper AlloyPlating: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
Electrical:	
Data Rate:	5 Gb/s
	5 Gb/s 50 Ω Single-ended, 100 Ω Differential
	50 Ω Single-ended, 100 Ω Differential
Characteristic Impedance:	50 Ω Single-ended, 100 Ω Differential 1 A @ 70° C Signal
Characteristic Impedance: Current Rating (Fully Loaded):	50 Ω Single-ended, 100 Ω Differential 1 A @ 70° C Signal 10 ⁴ MΩ @ 100 V _{DC}

Environmental

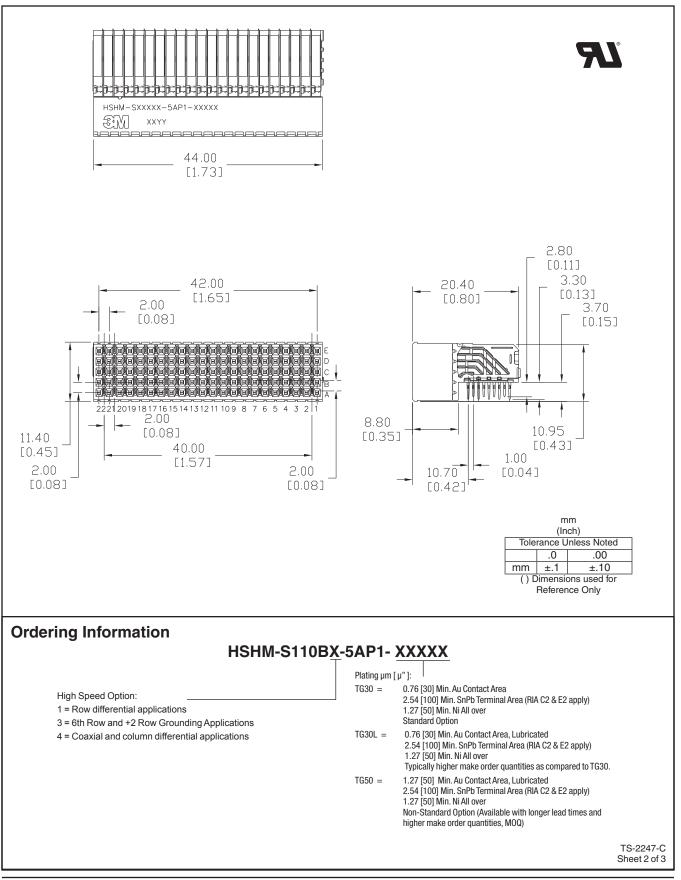
Temperature Rating: -55° C to 125° C

UL File No.: E68080

$3M^{TM}$ MetPakTM HSHM Press-Fit Socket

2 mm Type B22, 110 Signal Contacts, 5 Rows, Right Angle

HSHM Series

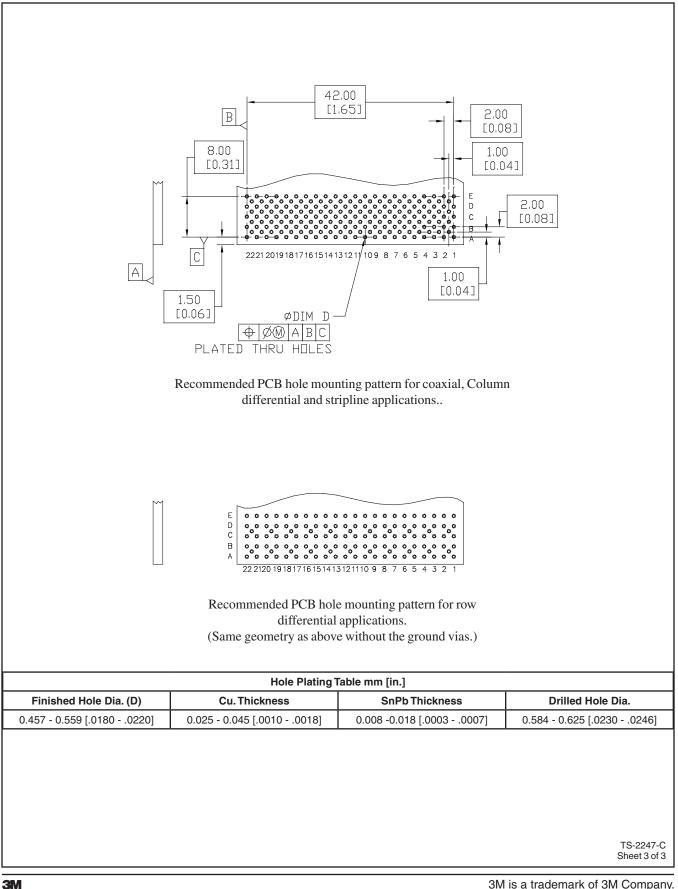


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$3M^{{}^{\rm TM}}\,MetPak^{{}^{\rm TM}}\,HSHM\,Press-Fit\,Socket$

2 mm Type B22, 110 Signal Contacts, 5 Rows, Right Angle

HSHM Series



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