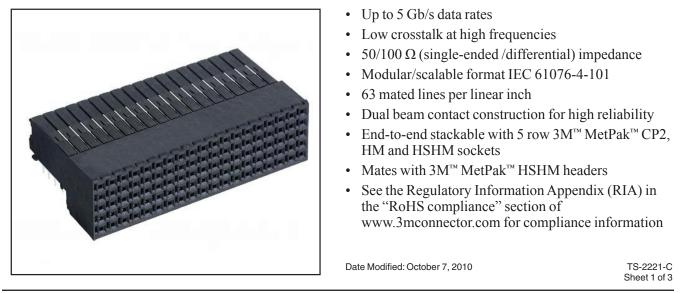
$3M^{TM}$ MetPak M HSHM Press-Fit Socket

2 mm Type B19, 95 Signal Contacts, 5 Rows, Right Angle



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 not suitable for stand-alone use. |
| Electrical: | |
| Data Rate: | 5 Gb/s |
| Characteristic Impedance: | 50 Ω Single-ended, 100 Ω Differential |
| Current Rating (Fully Loaded): | 1 A @ 70°C Signal |
| Insulation Resistance: | $10^4 \mathrm{M\Omega} @ 100 \mathrm{V}_{\mathrm{DC}}$ |
| Withstanding Voltage: | $750 \mathrm{V_{RMS}}$ |

Environmental

Temperature Rating: -55° C to 125° C

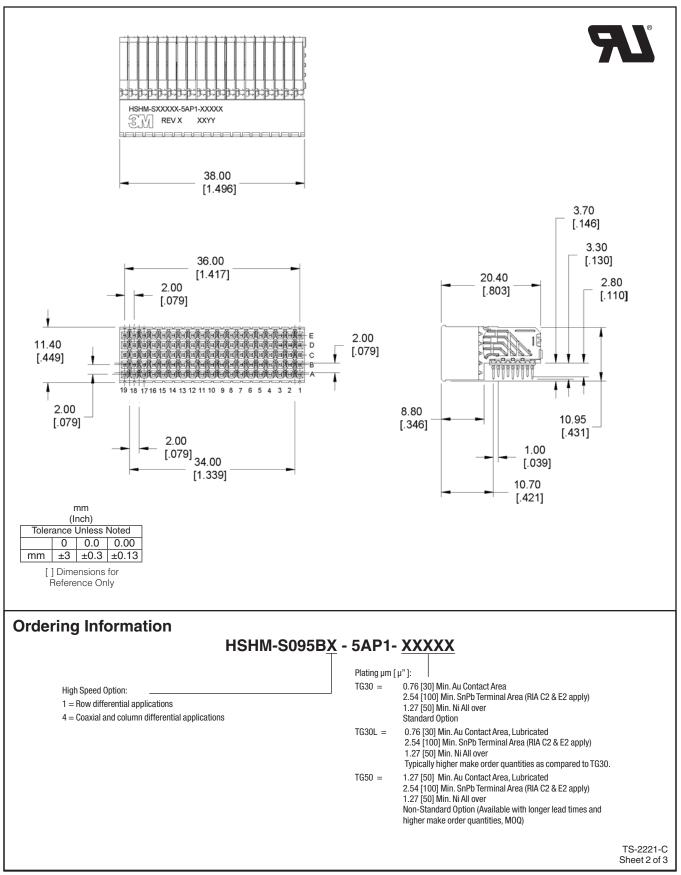
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$3M^{TM}$ MetPakTM HSHM Press-Fit Socket

2 mm Type B19, 95 Signal Contacts, 5 Rows, Right Angle

HSHM Series

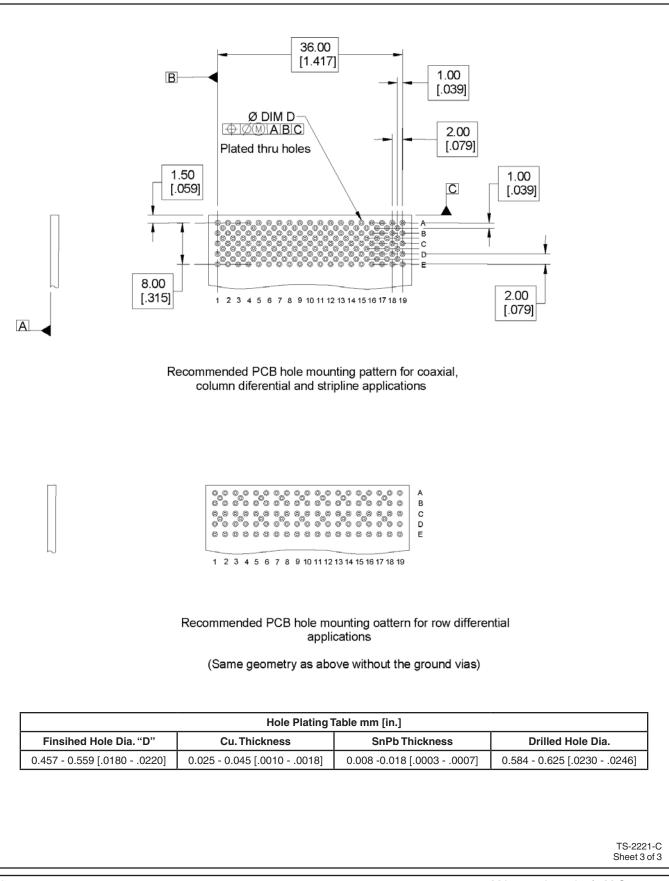


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$3M^{{}^{\rm TM}}\,MetPak^{{}^{\rm TM}}\,HSHM\,Press-Fit\,Socket$

2 mm Type B19, 95 Signal Contacts, 5 Rows, Right Angle

HSHM Series



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