

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!



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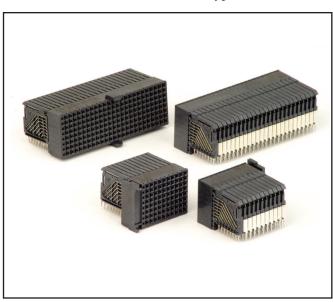






3M™ Ultra Hard Metric (UHM) Press-Fit Socket

2 mm, D, DPWR, DE, E, FL & FR Types: 176, 200 or 88 Signal Contacts, 8 Rows, Right Angle UHM Series



- 7+ Gbps data rates when mated to standard IEC 61076-4-101 headers.
- Low crosstalk at high frequencies
- $50/100 \Omega$ (single-ended/differential) impedance
- Modular/scalable format IEC 61076-4-101
- · Press-fit headers and receptacles
- 101 mated lines per linear inch
- Dual beam contact construction for high reliability
- End-to-end stackable with 8-Row 3M[™] CP2, HM, UHM and HSHM Sockets
- Mates with 3M[™] CP2, HM, UHM, HSHM Headers
- See the Regulatory Information Appendix (RIA) in the "RoHS compliance" section of www.3Mconnector.com for compliance information (RIA E1 & C1 apply)

Date Modified: February 15, 2010

TS-2326-B Sheet 1 of 5

Physical

Insulation:

Material: High Temperature Thermoplastic (LCP) - black or natural

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 with HSHM & UHM headers) Engagement Force (Nominal): 0.32 N [33 g] Signal, (0.22 N [22 g] Shield with HSHM & UHM headers) Separation Force (Nominal): 0.20 N [20 g] Signal, (0.20 N [20 g] Shield with HSHM & UHM headers)

Wipe (Nominal, Shortest Contact): 2.67 mm [0.105 in] Signal, 1.57 mm [0.062 in] Shield

Application: These modules are not suitable for stand-alone use, additional guide features

recommended per IEC 61076-4-101

Electrical:

Data Rate: 7+ Gbps data rates (when mated to standard IEC 61076-4-101 headers)

Characteristic Impedance: $50~\Omega$ Single-ended, $100~\Omega$ Differential

Current Rating (Fully Loaded): 1 A @ 70° C Signal Insulation Resistance: $10^4\,M\Omega$ @ $100\,V_{DC}$

Withstanding Voltage: 750 V_{RMS}

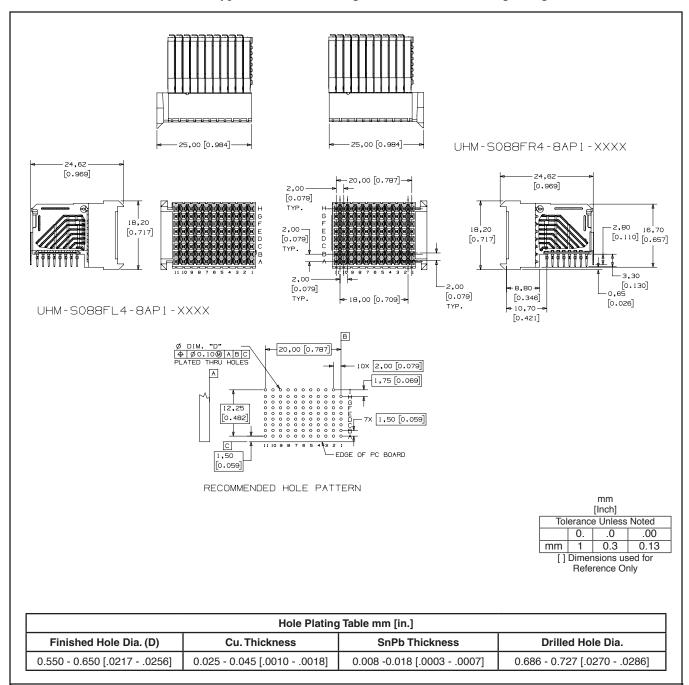
Environmental

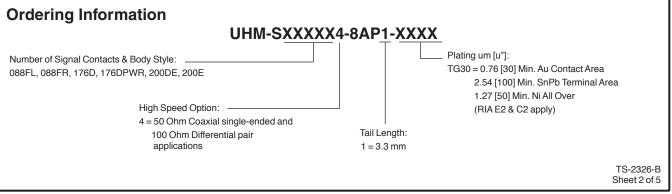
Temperature Rating: -55° C to 125° C

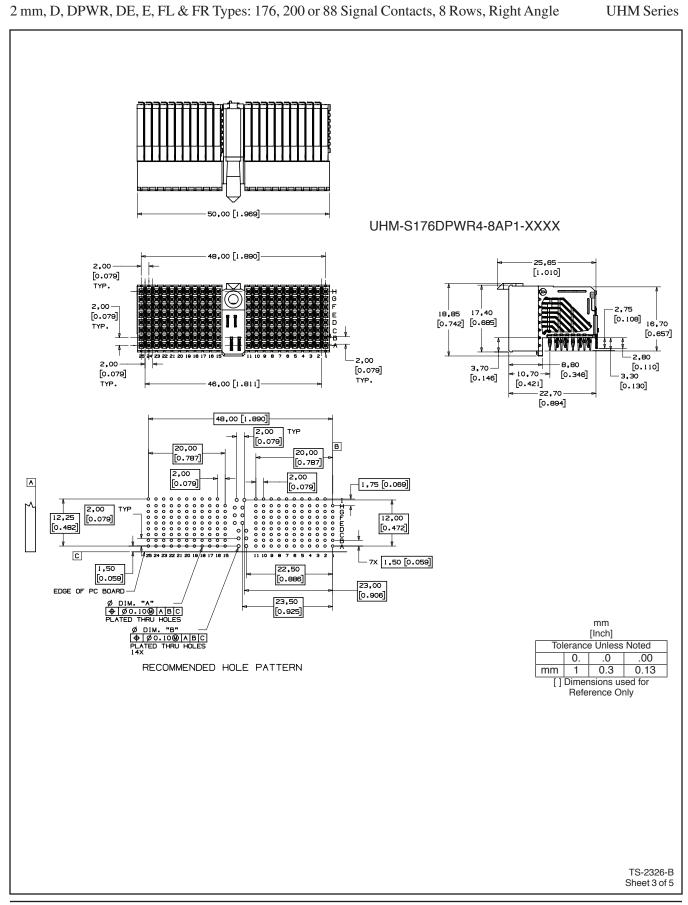
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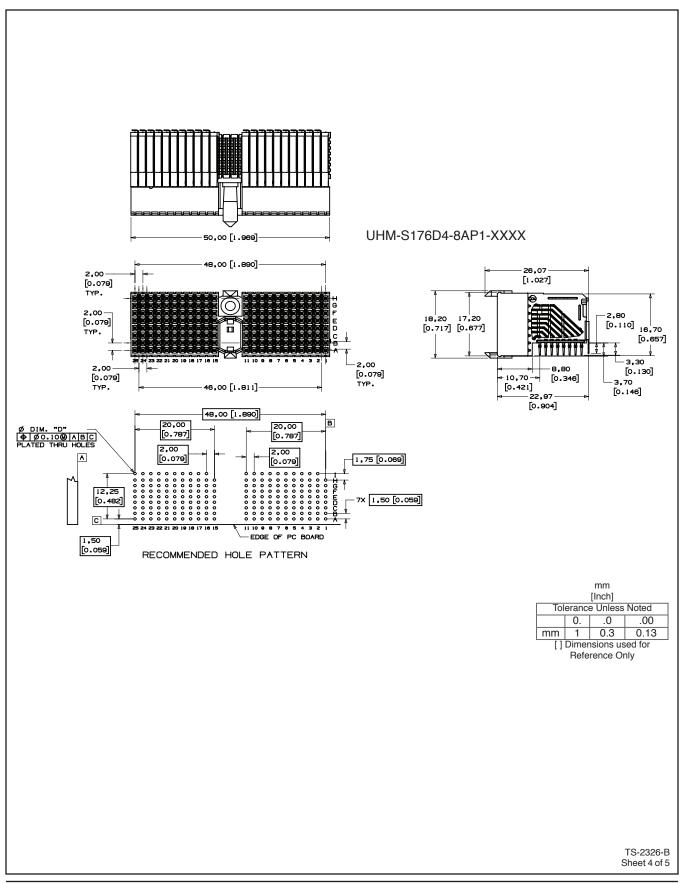
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UHM Series





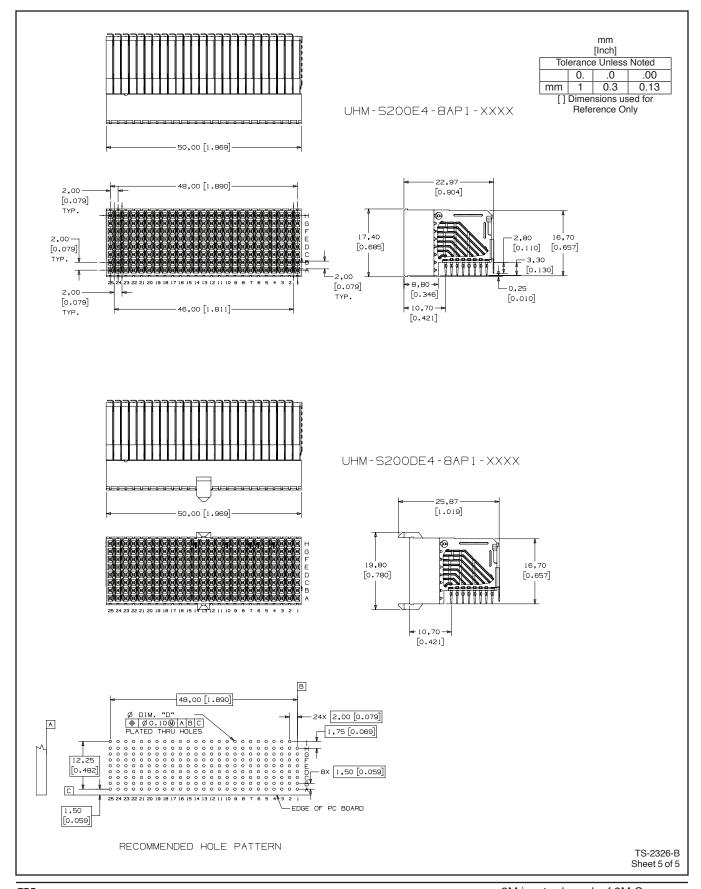




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