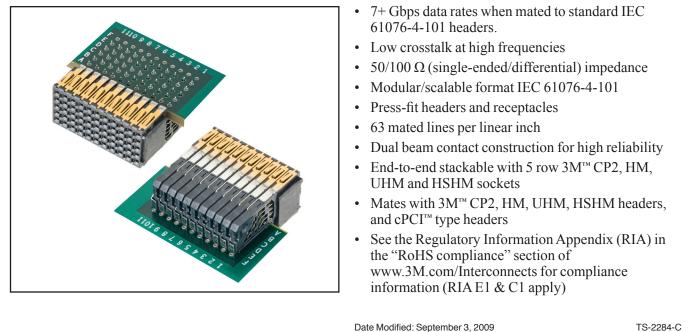
3MTM Ultra Hard Metric (UHM) Press-Fit Socket

2 mm, B Type: 55, 95, 110 & 125 Signal Contacts, 5+2 Rows, Right Angle

UHM Series

Sheet 1 of 2



Physical

Insulation:

Material: High Temperature Thermoplastic (LCP)

Flammability: UL 94V-0

Contact:

Material: Copper Alloy Plating: TG30, KR

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:	This module is 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 Ω Single-ended, 100 Ω Differential
Current Rating (Fully Loaded):	
-	1 A @ 70° C Signal
Current Rating (Fully Loaded):	1 A @ 70° C Signal 10 ⁴ MΩ @ 100 V _{DC}

Environmental

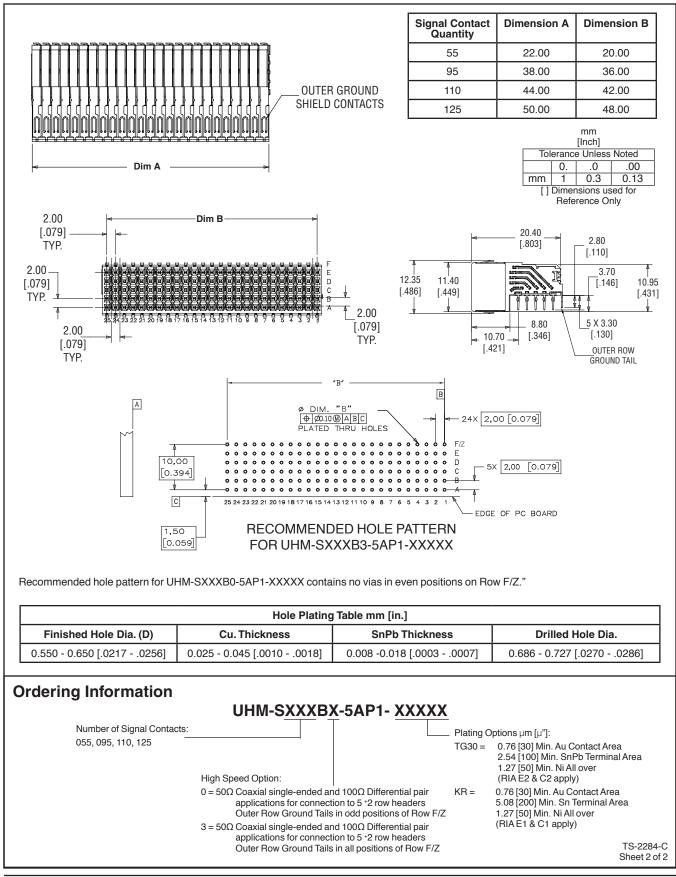
Temperature Rating: -55° C to 125° C

3M Electronic Solutions Division Interconnect Solutions http://www.3M.com/interconnects/

3MTM Ultra Hard Metric (UHM) Press-Fit Socket

2 mm, B Type: 55, 95, 110 & 125 Signal Contacts, 5+2 Rows, Right Angle

UHM Series



ЗМ

Electronic Solutions Division Interconnect Solutions http://www.3M.com/interconnects/ 3M is a trademark of 3M Company. For technical, sales or ordering information call 800-225-5373

Important Notice

All statements, technical information, and recommendations related to 3M's products are based on information believed to be reliable, but the accuracy or completeness is not guaranteed. Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use. Any statements related to the product which are not contained in 3M's current publications, or any contrary statements contained on your purchase order shall have no force or effect unless expressly agreed upon, in writing, by an authorized officer of 3M.

Warranty; Limited Remedy; Limited Liability.

This product will be free from defects in material and manufacture for a period of one (1) year from the time of purchase. **3M MAKES NO OTHER WARRANTIES INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** If this product is defective within the warranty period stated above, your exclusive remedy shall be, at 3M's option, to replace or repair the 3M product or refund the purchase price of the 3M product. **Except where prohibited by law, 3M will not be liable for any indirect, special, incidental or consequential loss or damage arising from this 3M product, regardless of the legal theory asserted.**



3M Electronics Solutions Division 6801 River Place Blvd. Austin, TX 78726-9000 U.S.A. 1-800-225-5373 www.3m.com/interconnects

Please recycle. Printed in USA. © 3M 2008. All rights reserved. RIA-2217B-E