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
Insulation Resistance:	104 MO ≈ 100 M
	10° M122 @ 100 V _{DC}
Withstanding Voltage:	

Environmental

Temperature Rating: -55° C to 125° C

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