

UHM-S110AX-5AP1-XXXXX

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UHM-SO55CLX-5AP1-XXXXX

3 MECHANICAL:

NORMAL FORCE (NOMINAL): .57N [58

ENGAGEMENT FORCE (NOMINAL): .32N [33g

SEPARATION FORCE (NOMINAL): .20N [20g (.20N [20g WIPE (NOMINAL, SHORTEST CONTACT): 2.67 [.109 MATE/UNMATE CYCLES: 250 APPLICATION: THIS MODUL

(.74N [79 (.22N [22 STAND-ALC FEATURES

3 ELECTRICAL: DATA RATE: 7+ Gbps [

CHARACTERISTIC IMPEDANCE: 50 Ω singl CURRENT RATING (FULLY LOADED): 1A @ 70°C INSULATION RESISTANCE: 104 M Ω Θ WITHSTANDING VOLTAGE: 625VRMS

(WHEN MAT IEC 61076

3 ENVIRONMENTAL: TEMPERATURE RATING: -55°C TO

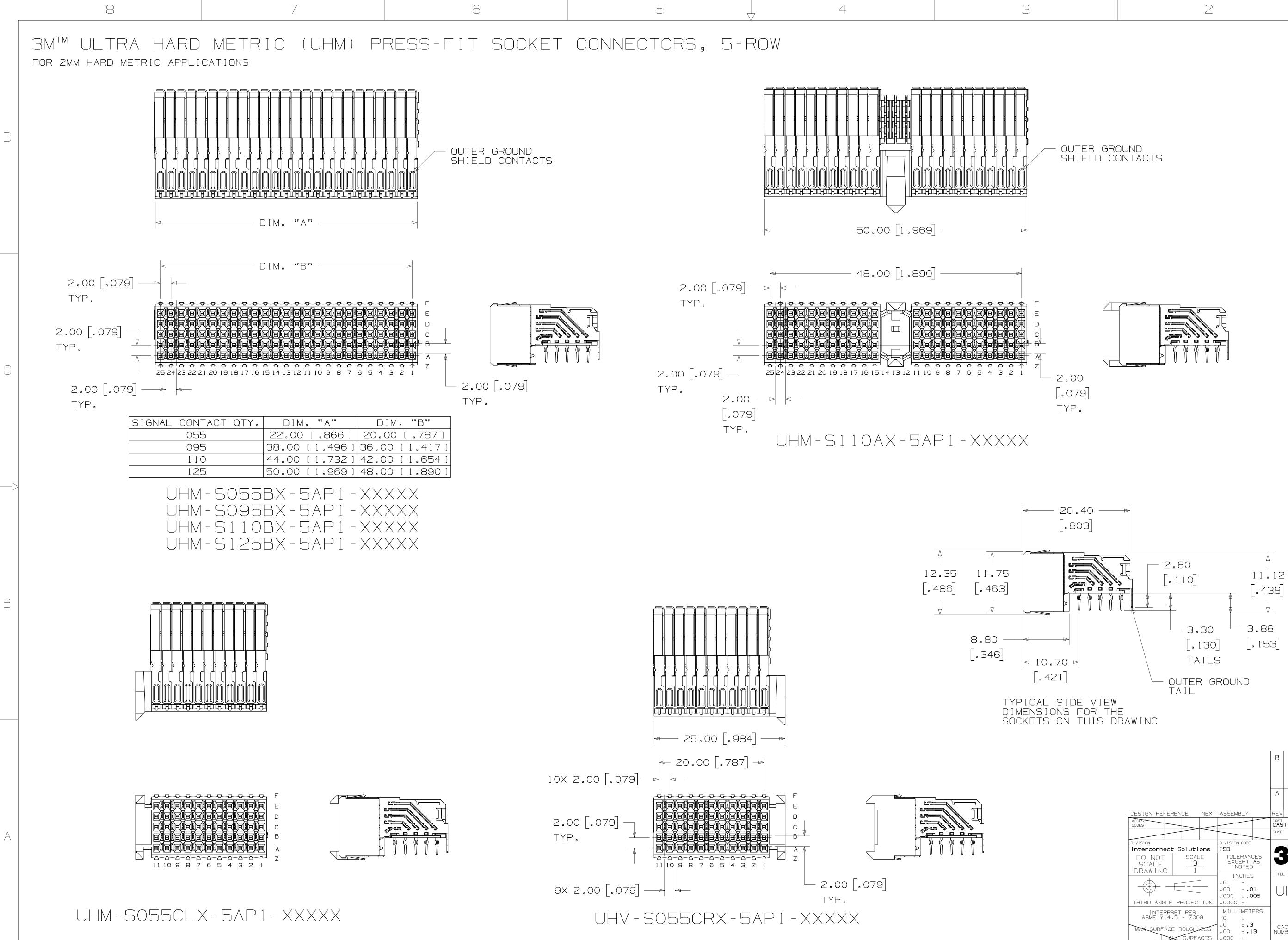
TG30 = .76µM [30µIN] MIN. GOLD ON CONTACT AREA 2.54µM [100µIN] MIN. TIN/LEAD ON TERMINAL AREA (RIA C2 & E2 APPLY) 1.27µM [50µIN] MIN. NICKEL ALL OVER. STANDARD OPTION.

KR = .76µM [30µIN] MIN. GOLD ON CONTACT AREA 2.54µm [100µIN] MIN. MATTE TIN ON TERMINAL AREA (RIA C1 & E1 APPLY) 1.27μ M [50 μ IN] MIN. NICKEL ALL OVER.

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	 MATERIAL: PLASTIC: HIGH TEMP LCP, UL94V-0 CONTACTS: COPPER ALLOY. REGULATORY INFORMATION: ROHS COMPLIANT. SEE THE REGULATORY INFORMATION APPENDIX (RIA) IN THE "ROHS COMPLIANCE" SECTION OF WWW.3MCONNECTORS.COM FOR COMPLIANCE INFORMATION. IN THE EVENT OF CONFLICT BETWEEN THIS DATA AND THAT CONTAINED IN THE PRODUCT SPECIFICATION, THE PRODUCT SPECIFICATION TAKES PRECEDENT. 	
9] SIGNAL, 9] SHIELD WITH HSHM AND 9] SHIELD WITH HSHM AND	UHM HEADERS)	
)g] SHIELD WITH HSHM AND)5] SIGNAL, 1.57[.062] S JLE IS NOT SUITABLE FOR)NE USE. ADDITIONAL GUIDE	SHIELD E 76-4-101))]
ACCESS CODES DIVISION DIVISION DIVISION CODE INTERCONNECT SO LUTIONS DO NOT SCALE SCALE DRAWING 1 TOLERANCES EXCEPT AS NOTED INCHES .0 ± .00 ± .01 .000 ± .005 .00 ± .00 ± .03 .00 ± .3 .00 ± .13 .00 ± .13 .00 ± .13 .000 ±	B 58359 DEC 04,2014 JNC TS REMOVE MRKT FEATURES & WITHSTANDING VOLTAGE WAS 750 JNC TS A 41080 MAY 24,2012 JNC TS PRODUCTION RELEASE PRODUCTION RELEASE DATE CHKD PRODUCTION RELEASE DATE CHKD DATE CHKD OFF 15SUE DATE AND DESCRIPTION DRT CHKD OFF DATE APPVL TIS document and the information it contains are distributed and the information it contains ore distributed and the informatin it contains ore distributed and the inform	

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			A	4108		MAY 2	4,2012 ON RELEASE	JNC	TS	
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	ACCESS CODES		DRFT	TIGLIO	NE	MAY 23,2012	2 MFG	DATE		C
			СНКД			DATE	T. SUNIGA	DATE MAY 23	3.2012	Ac
	DIVISION	DIVISION CODE			_	(0) 3M COPYRIGHT 201 2		,	
	Interconnect SolutionsDO NOTSCALESCALE3SCALE1	ISD TOLERANCES EXCEPT AS NOTED	3		3M Center St. Paul, MN 55144	This document 3M property d distributed w	t and the information it and may not be reproduced vithout 3M permission, or her than for 3M authorize	contains d or furth r used or	er	/2014
	DRAWING 1	INCHES .0 ± .00 ± .01 .000 ± .005	TITLE	ΗМ			FIT SOC	CKE	T,	1 12/4/201
	THIRD ANGLE PROJECTION INTERPRET PER ASME Y14.5 - 2009	.0000 ± MILLIMETERS 0 ± .0 ±.3				·	ONNECTO	JRS		
	MAX SURFACE ROUGHNESS	.00 ± .13 .000 ± ANGLES 1		IBER			0 - 2533 - 	- 7 БНТ 2	DF 3	
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	3M [™] ULTRA HARD for 2mm hard metric appli) METRIC (UHM) P ications	RESS-FIT SOCKET	Conne
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	[.394]		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2.00 [.079] F PC BOARD
С	[.059]	RECOMMENDED HOLE PATTERN CONTAINS NO VIAS IN EVEN UHM-S055BX-	N FOR UHM-SXXXBO-5AP1 N POSITIONS ON ROW F/Z 5AP1-XXXXX	
		UHM-S095BX- UHM-S110BX- UHM-S125BX-	5AP1-XXXXX	66)
				PL.
В				

RECOMMENDED PCB MOUNTING HOLE PATTERN (VIEWED FROM COMPONENT SIDE)

HOLE PLATING TABLE						
HOLE (FINISHED HOLE) CU THICKNESS SnPb THICKNESS DRILLED HOLE DIA.					DRILLED HOLE DIA.	
DIM.	DIM. "D" .550650 [.02170256].025045 [.00100018].008018 [.00030007].686727 [.02700286]					

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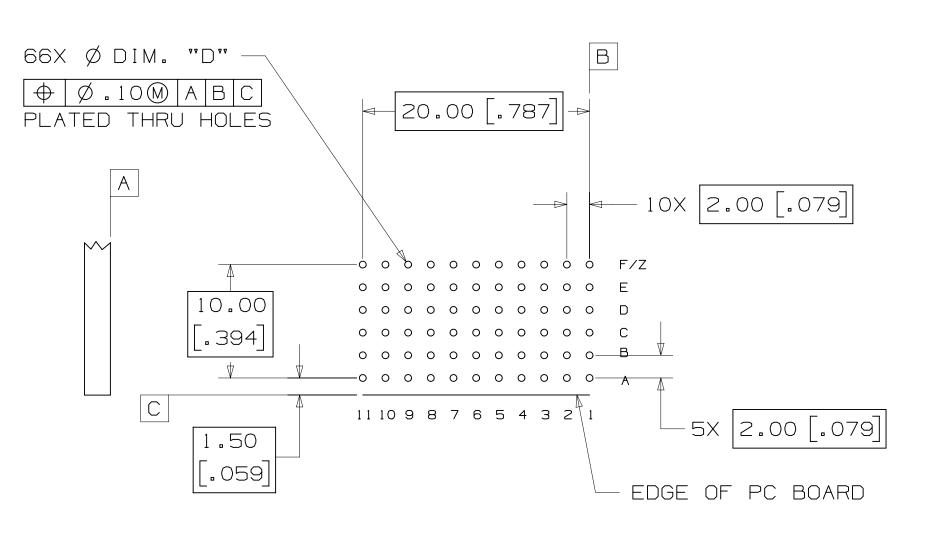
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RECOMMENDED HOLE PATTERN FOR UHM-S055CXX-5AP1 CONTAINS NO VIAS IN EVEN POSITIONS ON ROW F/Z

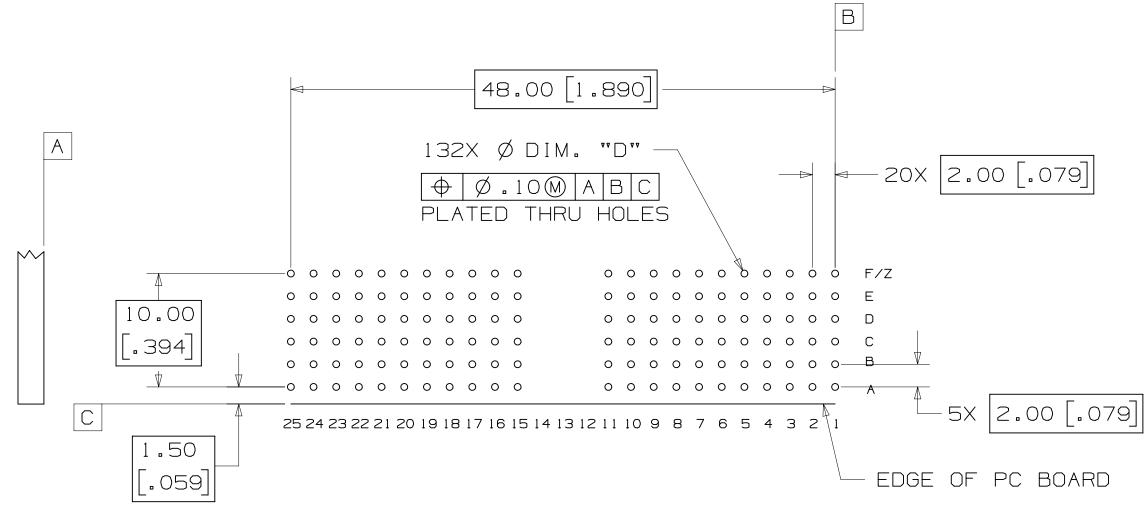


UHM-S110AX-5AP1-XXXXX

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RECOMMENDED HOLE PATTERN FOR UHM-S110A-5AP1 CONTAINS NO VIAS IN EVEN POSITIONS ON ROW F/Z



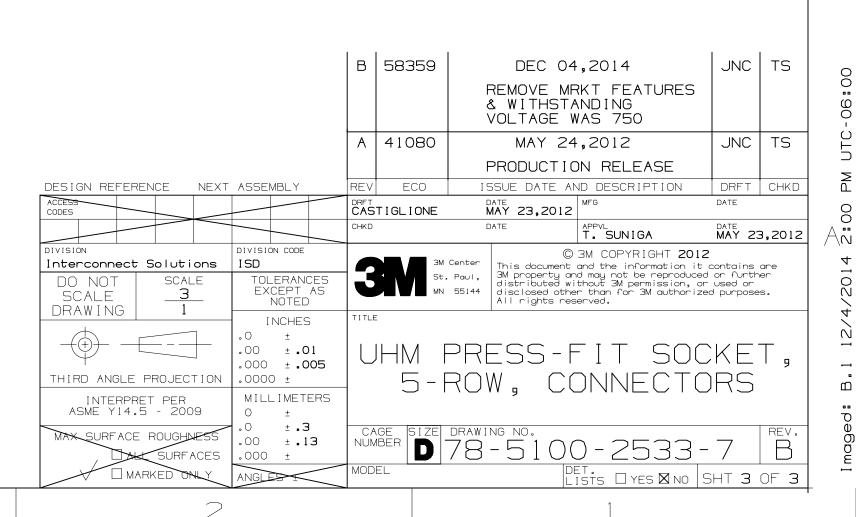


ET CONNECTORS, 5-ROW

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