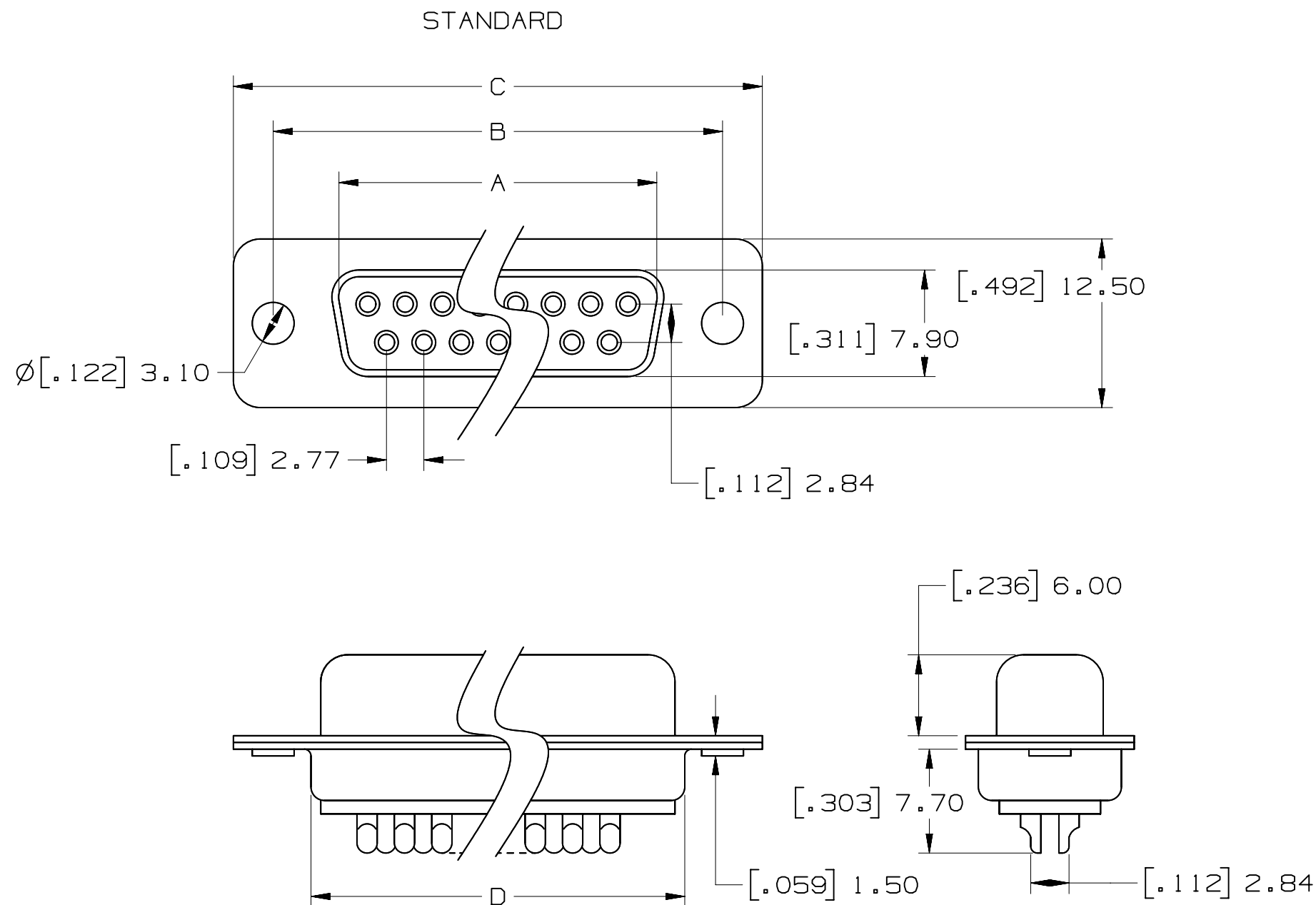


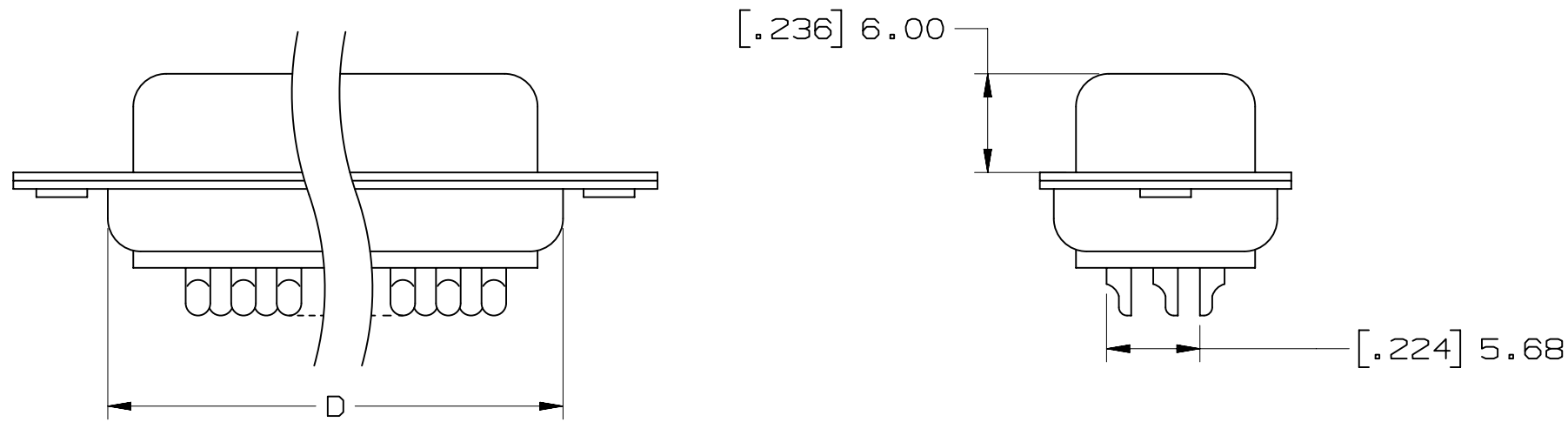
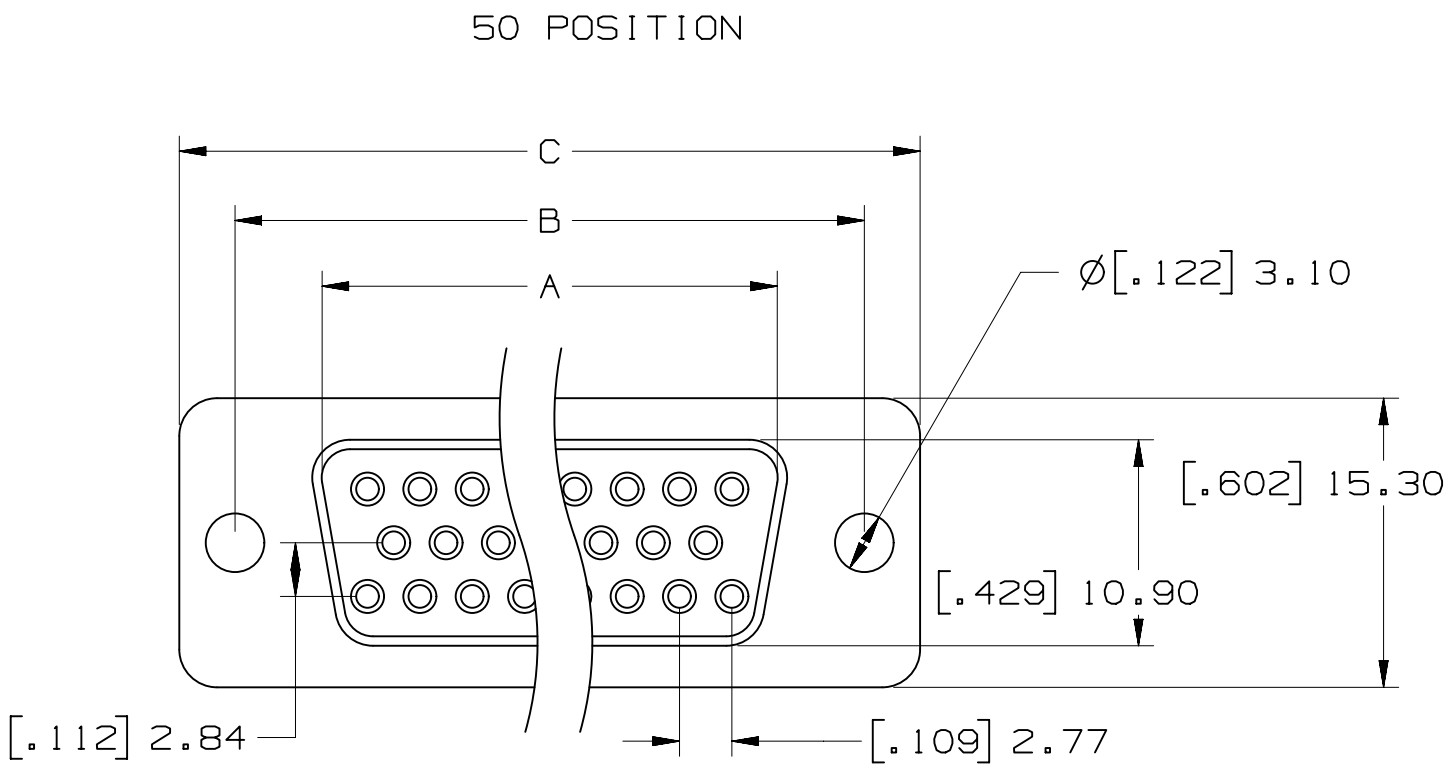
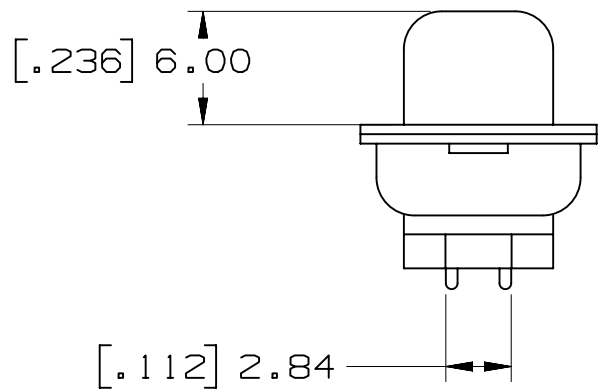
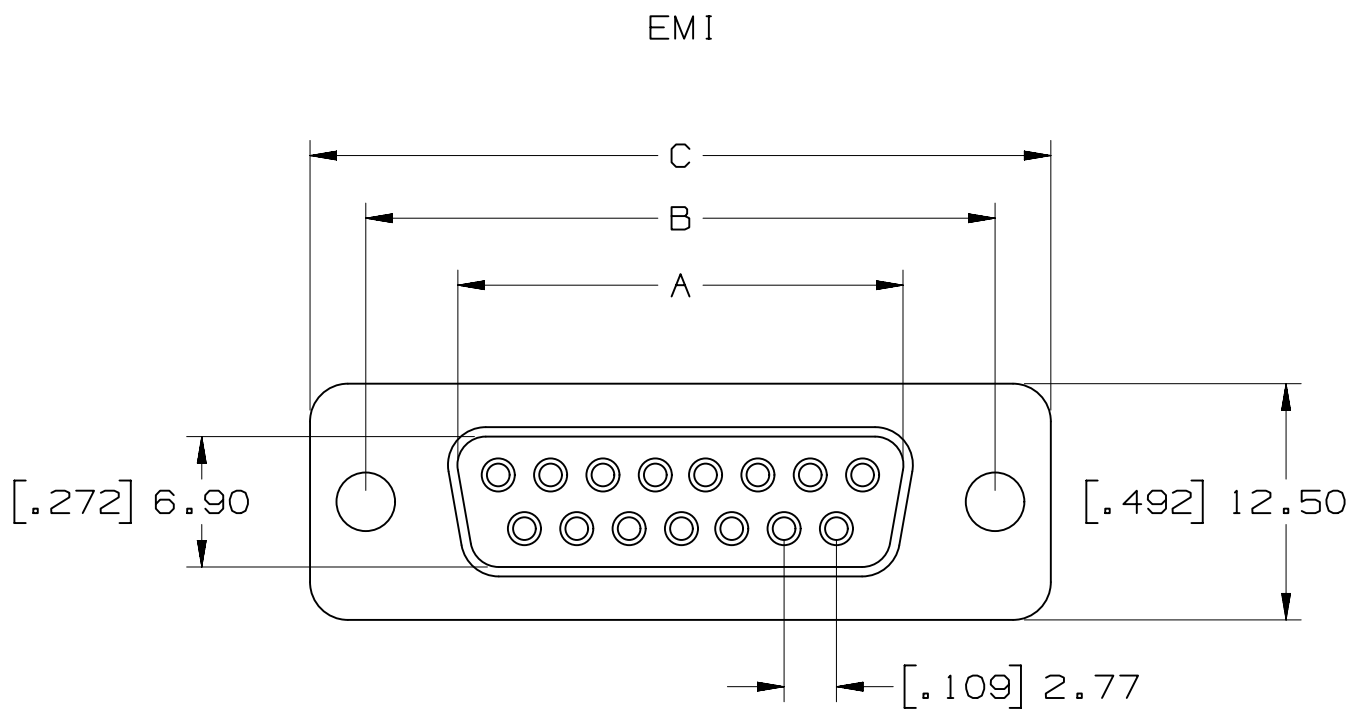
3M™ Solder Cup D Sub Socket, 8000 Series



POSITION	A	B	C	D
9	[.642] 16.30	[.984] 25.00	[1.213] 30.80	[.756] 19.20
15	[.969] 24.60	[1.311] 33.30	[1.543] 39.20	[1.091] 27.70
25	[1.508] 38.30	[2.248] 57.10	[2.091] 53.10	[1.618] 41.10
37	[2.157] 54.80	[2.500] 63.50	[2.732] 69.40	[2.256] 57.30
50*	[2.055] 52.20	[2.402] 61.00	[2.638] 67.00	[2.169] 55.10

*50 POSITION AVAILABLE IN STANDARD ONLY

PERFORMANCE	
OPERATION VOLTAGE:	250V MAX.
CURRENT:	3A MAX.
INSULATION RESISTANCE:	3000 MOhm MIN @ 500VDC
WITHSTANDING VOLTAGE:	1000 VAC / MIN.
TEMPERATURE RATING:	-55°C to 105°C
CONTACT RESISTANCE:	15 mOhms MAX.



8RXX-X00X

NUMBER OF CONTACTS (SEE TABLE)

PLATING
1 - AU FLASH
2 - 30μ" AU

EMI
N - STANDARD
E - EMI

Unless otherwise noted, references to industry specifications are intended to indicate substantial compliance to the material elements of the specification. Such references should not be construed as a guarantee of compliance to all requirements in a given specification.

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INTERCONNET SOLUTIONS
<http://www.3mconnectors.com>

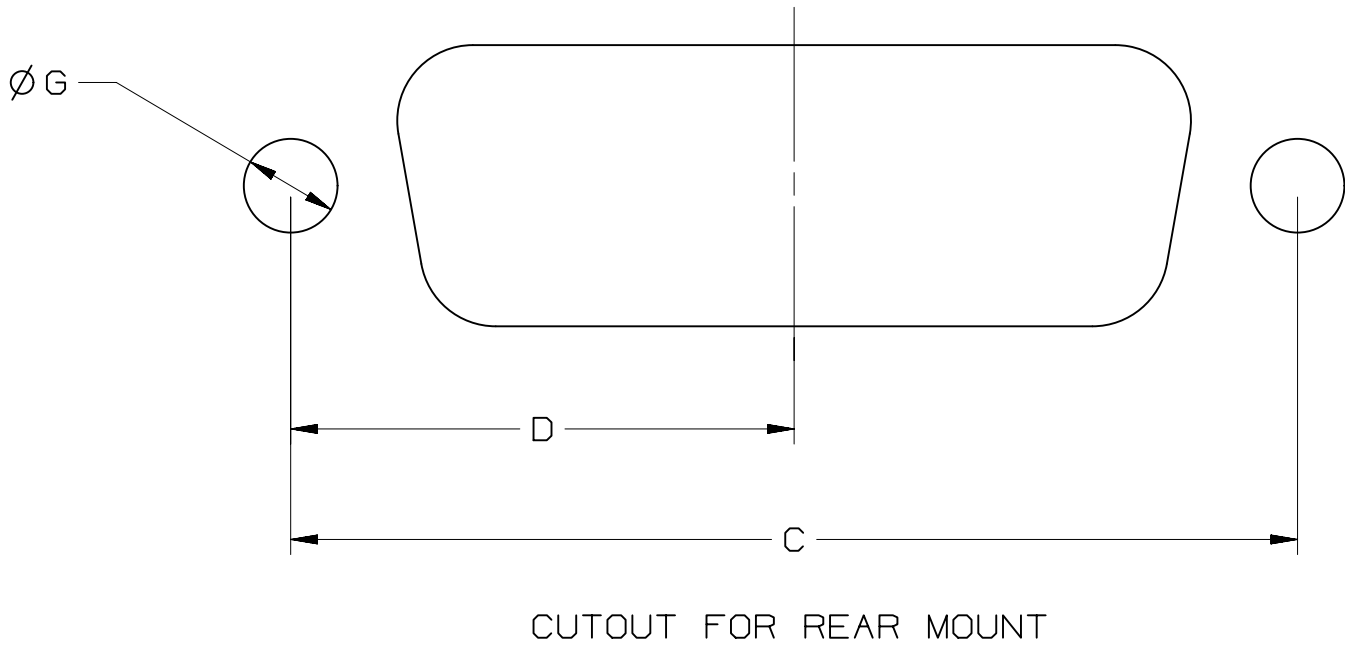
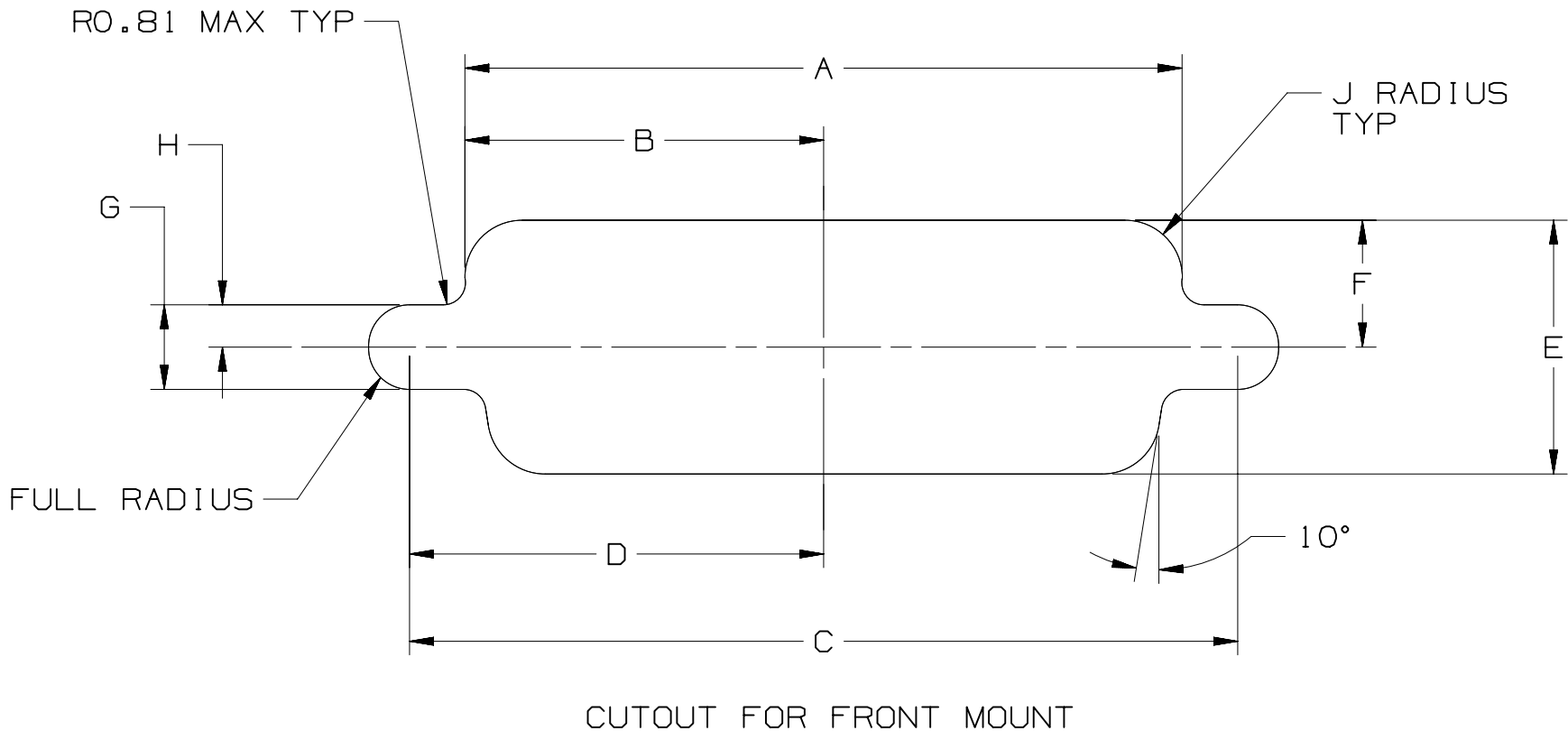
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INFORMATION, CALL 800-225-5373

NOTES

- 1 MATERIAL:
THERMAL PLASTIC UL94V-0
CONTACTS:
COPPER ALLOY
SHELL:
G3141 SPCC OR EQUIVALENT
- 2 PLATING:
50μ" NICKEL UNDERPLATE
1μ" AU WIPING AREA OR
30μ" AU WIPING AREA
100-200μ" TIN (BRIGHT TIN) SOLDER TAIL
- 3 MATES WITH:
BPXX-X00X
- 4 SEE THE REGULATORY INFORMATION
APPENDIX (RIA) IN "RoHS"
COMPLIANCE SECTION OF
WWW.3MCONNECTOR.COM FOR
COMPLIANCE INFORMATION
(RIA E1 & C1 APPLY)

DESIGN REFERENCE		NEXT ASSEMBLY		REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
3M	8RXX-X00X	1	1	SJS		MAY 18, 2011	MFG		
3M	8RXX-X00X	1	1	ARM		MAY 18, 2011	APPL		
DIVISION		DIVISION CODE		© 3M COPYR[IGHT] 2013					
DO NOT SCALE DRAWING		SCALE 1/1		TOLERANCES EXCEPT AS NOTED		INCHES			
THIRD ANGLE PROJECTION		INTERPRET PER ASME Y14.5 - 1994		MILLIMETERS		.00 ± .005			
MAX SURFACE ROUGHNESS		125/		ALL SURFACES		.000 ± .005			
ANGLES ± 1°		MARKED ONLY		CAGE NUMBER		D 78-5100-2402-5			
MODEL		BR		DET		YES NO SHT 1 OF 2			

POSITION	MOUNTING METHOD	A	B	C	D	E	F	G	H	J
9	FRONT	.874[22.2]	.437[11.1]	.984[25.0]	.492[12.5]	.513[13.0]	.257[6.5]	.120[3.1]	.060[1.5]	.083[2.1]
	REAR	.806[20.5]	.403[10.2]	.984[25.0]	.492[12.5]	.449[11.4]	.225[5.7]	.120[3.1]	.060[1.5]	.132[3.4]
15	FRONT	1.202[30.5]	.601[15.3]	1.312[33.3]	.656[16.7]	.513[13.0]	.257[6.5]	.120[3.1]	.060[1.5]	.083[2.1]
	REAR	1.134[28.8]	.567[14.4]	1.312[33.3]	.656[16.7]	.449[11.4]	.225[5.7]	.120[3.1]	.060[1.5]	.132[3.4]
25	FRONT	1.743[44.3]	.872[22.2]	1.852[47.0]	.926[23.5]	.513[13.0]	.257[6.5]	.120[3.1]	.060[1.5]	.083[2.1]
	REAR	1.674[42.5]	.837[21.3]	1.852[47.0]	.926[23.5]	.449[11.4]	.225[5.7]	.120[3.1]	.060[1.5]	.132[3.4]
37	FRONT	2.391[60.7]	1.196[30.4]	2.500[63.5]	1.250[31.8]	.513[13.0]	.257[6.5]	.120[3.1]	.060[1.5]	.083[2.1]
	REAR	2.326[59.1]	1.163[29.5]	2.500[63.5]	1.250[31.8]	.449[11.4]	.225[5.7]	.120[3.1]	.060[1.5]	.132[3.4]
50	FRONT	2.297[58.3]	1.149[29.2]	2.406[61.1]	1.203[30.6]	.623[15.8]	.312[7.9]	.120[3.1]	.060[1.5]	.083[2.1]
	REAR	2.218[56.3]	1.109[28.2]	2.406[61.1]	1.203[30.6]	.555[14.1]	.278[7.1]	.120[3.1]	.060[1.5]	.132[3.4]



		C 46292		MAR 28, 2013		SJS		ARM	
		B 34516		CORRECT SHELL MATL AUG 29, 2011		SJS		ARM	
		A 34511		CHANGE MOHMS TO MOHMS, UPDATE ROHS MAY 18, 2011		SJS		ARM	
DESIGN REFERENCE		NEXT ASSEMBLY		REV ECO		ISSUE DATE AND DESCRIPTION		DRFT CHKD	
XREF CODES				DRP SJS		DATE MAY 18, 2011		MFG DATE	
				CHKD ARM		DATE MAY 18, 2011		APPL DATE	
DIVISION		DIVISION CODE		© 3M COPYR[IGHT] 2013					
DO NOT SCALE DRAWING		SCALE 1 1		3M Center St. Paul, MN 55144		This document and the information it contains are 3M property and may not be reproduced or further distributed without 3M permission, or used or disclosed other than for 3M authorized purposes. All rights reserved.			
		THIRD ANGLE PROJECTION		TOLERANCES EXCEPT AS NOTED		TITLE			
INTERPRET PER ASME Y14.5 - 1994		MAX SURFACE ROUGHNESS 125 / ☐ ALL SURFACES ☒ MARKED ONLY		INCHES 0 ±.00 ±.002 ±.0000		8RXX-X00X D-SUB SOLDER CUP SOCKET TS-2402			
				MILLIMETERS 0 ±.1 ±.00 ±.005		CAGE NUMBER SIZE DRAWING NO. REV.			
				ANGLES ±1°		D 78-5100-2402-5 C			
				MODEL BR		DET LISTS		YES ☒ NO SHT 2 OF 2	

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[8R50-N002](#) [8R15-E002](#) [8R09-N002](#) [8R09-E002](#) [8R37-N002](#)