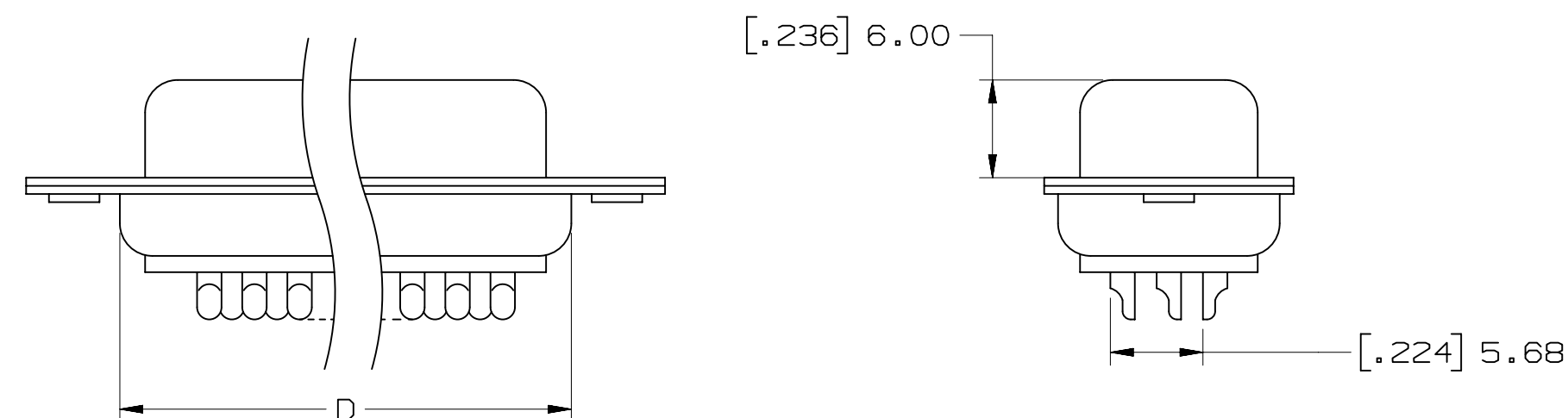
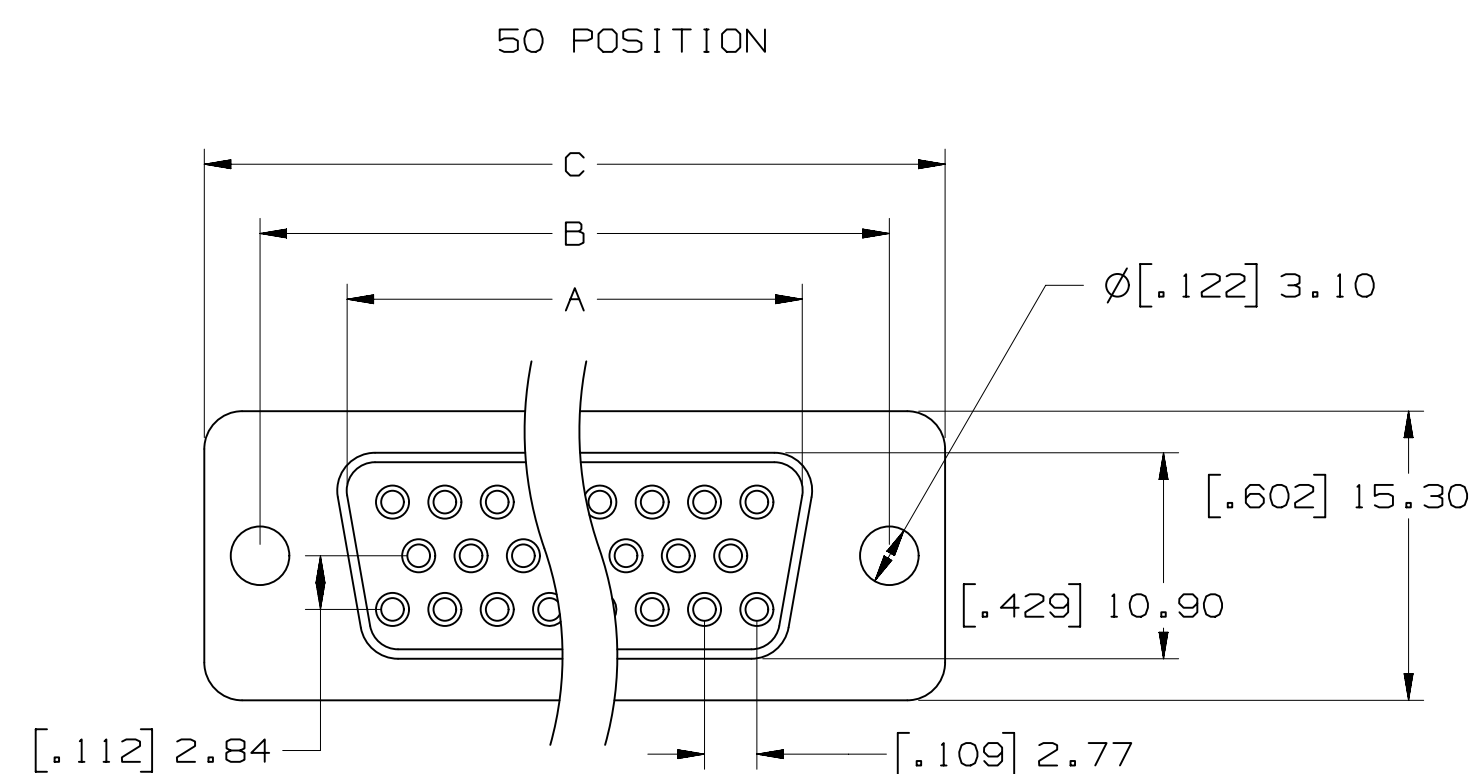
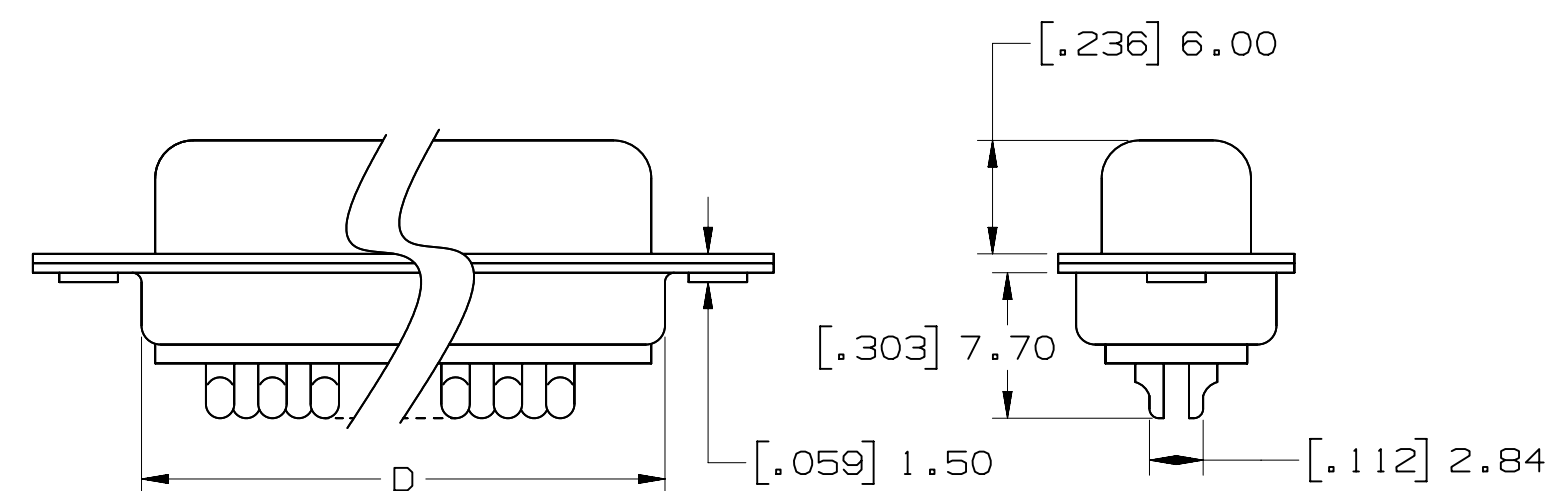
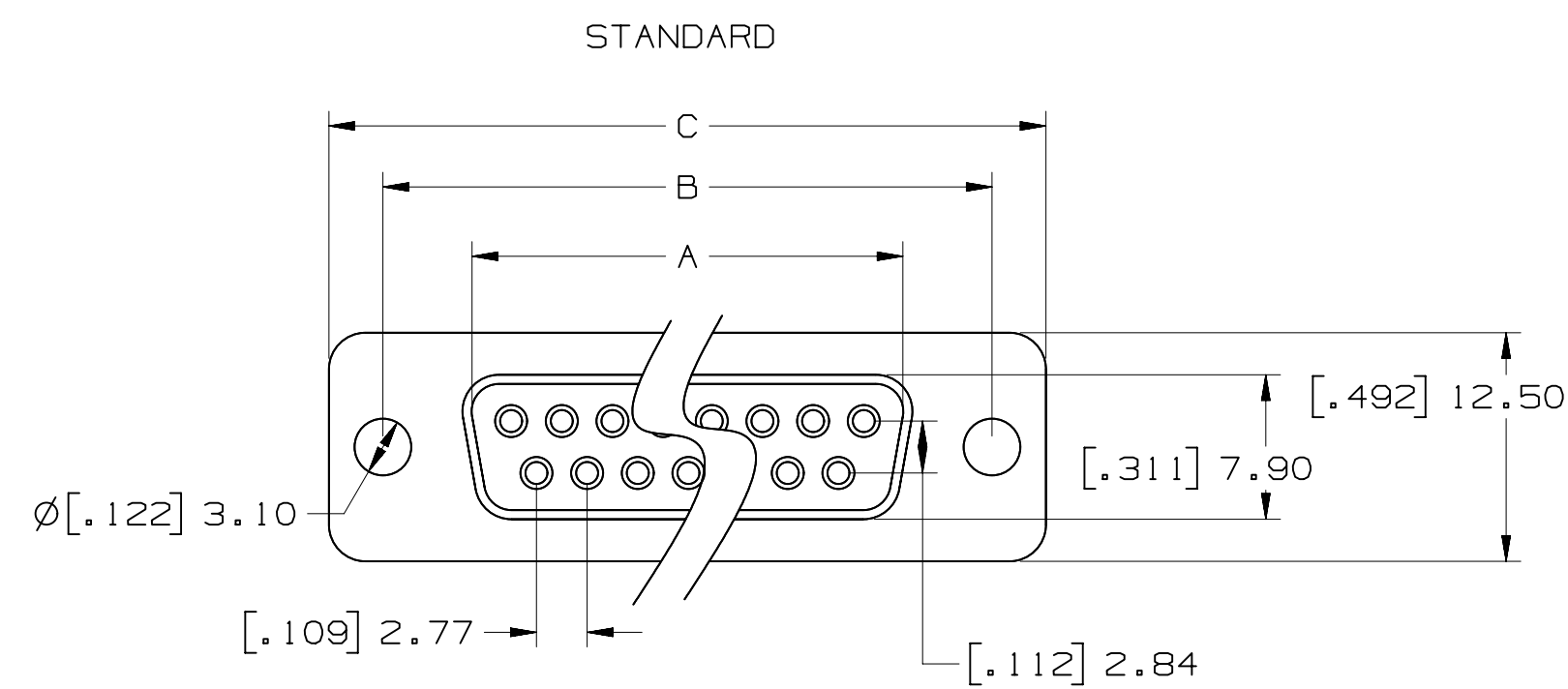


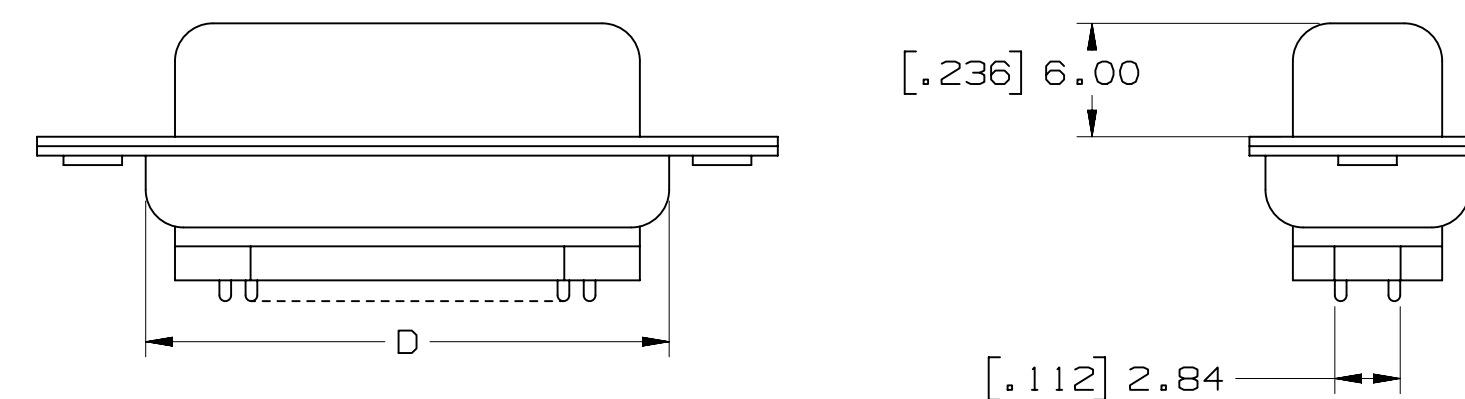
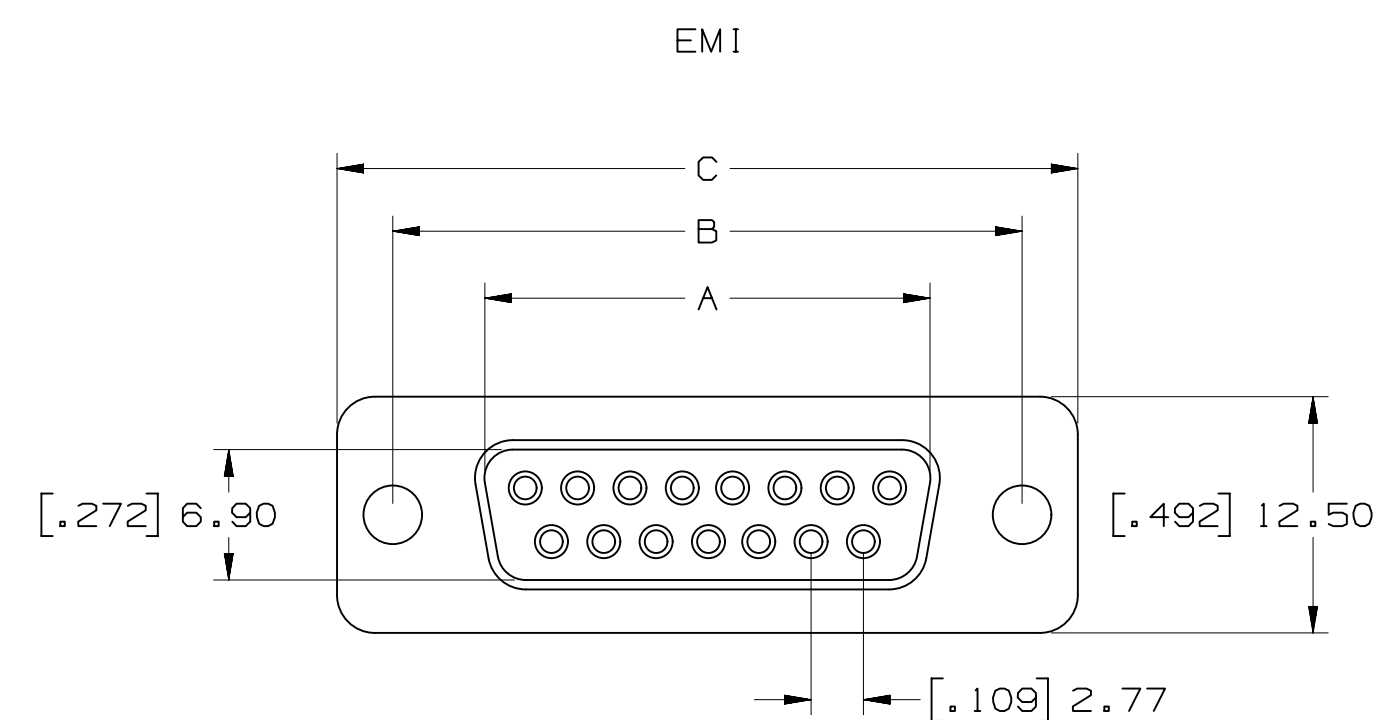
3M™ Solder Cup D Sub Socket, 8000 Series



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.



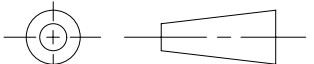
8RXX - X00X

NUMBER OF
CONTACTS —
(SEE TABLE)

PLATING
1 - AU FLASH
2 - 30 μ " AU

EMI
N - STANDARD
E - EMI

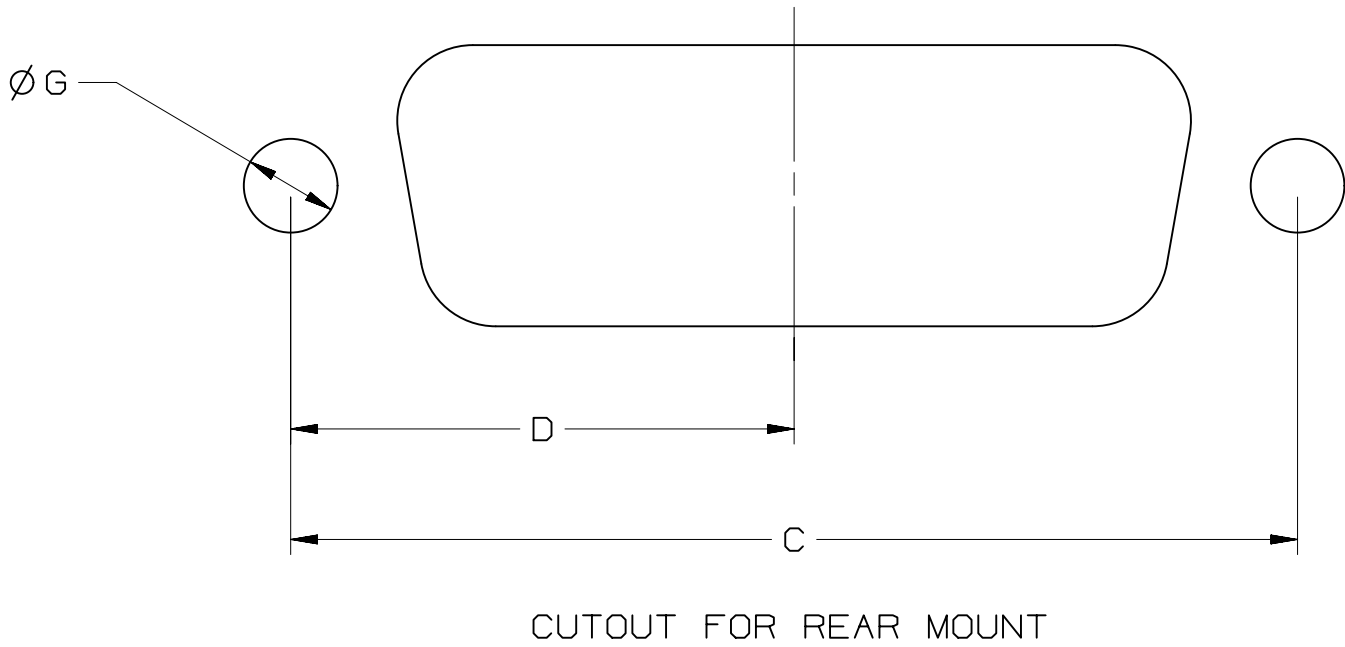
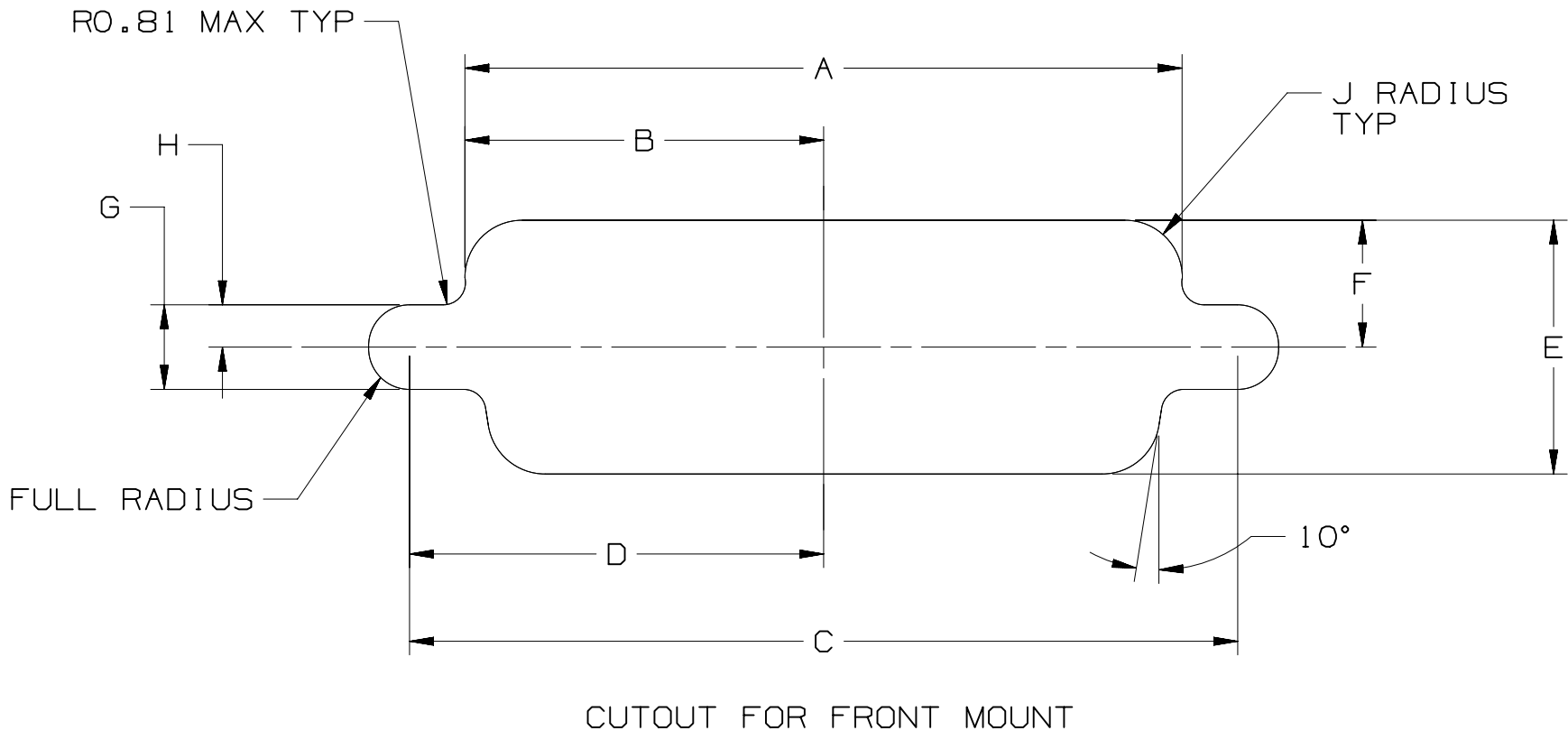
Unless otherwise noted, references to industry specifications are intended to indicate substantial compliance to the material elements of the specification. Such references should not be construed as a guarantee of compliance to all requirements in a given specification.

DESIGN REFERENCE		NEXT ASSEMBLY		REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
ASSEMBLY CODES				DRFT SJS		DATE MAY 18, 2011	INFO	DATE	
				CHKD ARM		DATE MAY 18, 2011	APPROV.	DATE	
DIVISION		DIVISION CODE		© 3M COPYRIGHT 2013 3M 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.					
DO NOT SCALE DRAWING	SCALE 1 1	TOLERANCES EXCEPT AS NOTED		3M St. Paul, MN 55144					
		INCHES :0 ± :00 ± :000 ± :0000 ±		TITLE 8RXX-X00X D-SUB SOLDER CUP SOCKET TS-2402					
THIRD ANGLE PROJECTION		MILLIMETERS 0 ± :0 ±.5 :00 ±.05 :000 ±.005		CAGE NUMBER D 78-5100-2402-5					
MAX SURFACE ROUGHNESS 125 125 ✓ MARKED ONLY	☐ ALL SURFACES ☒ MARKED ONLY	ANGLES ±1°		REV. C					
				MODEL 8R		DET. LISTS ☐ YES ☒ NO		SHT 1 OF 2	

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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
		REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
DESIGN REFERENCE		NEXT ASSEMBLY					
XREF CODES		SJS		MFG MAY 18, 2011		DATE	
		CHKD ARM		DATE MAY 18, 2011		APPL DATE	
DIVISION		DIVISION CODE		© 3M. COPYRIGHT 2013			
DO NOT SCALE DRAWING		SCALE 1 1		TOLERANCES EXCEPT AS NOTED		3M Center St. Paul, MN 55144	
		THIRD ANGLE PROJECTION		INCHES 0 ± .00 ± .002 ± .0000		TITLE 8RXX-X00X D-SUB SOLDER CUP SOCKET TS-2402	
INTERPRET PER ASME Y14.5 - 1994		MILLIMETERS 0 ± .1 ± .00 ± .05 ± .0005		CAGE NUMBER D 78-5100-2402-5			
MAX SURFACE ROUGHNESS 125 √ ☒ ALL SURFACES ☒ MARKED ONLY		ANGLES ± 1 °		SIZE BR		DRAWING NO. DET. LISTS YES YES NO SHT 2 OF 2	

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