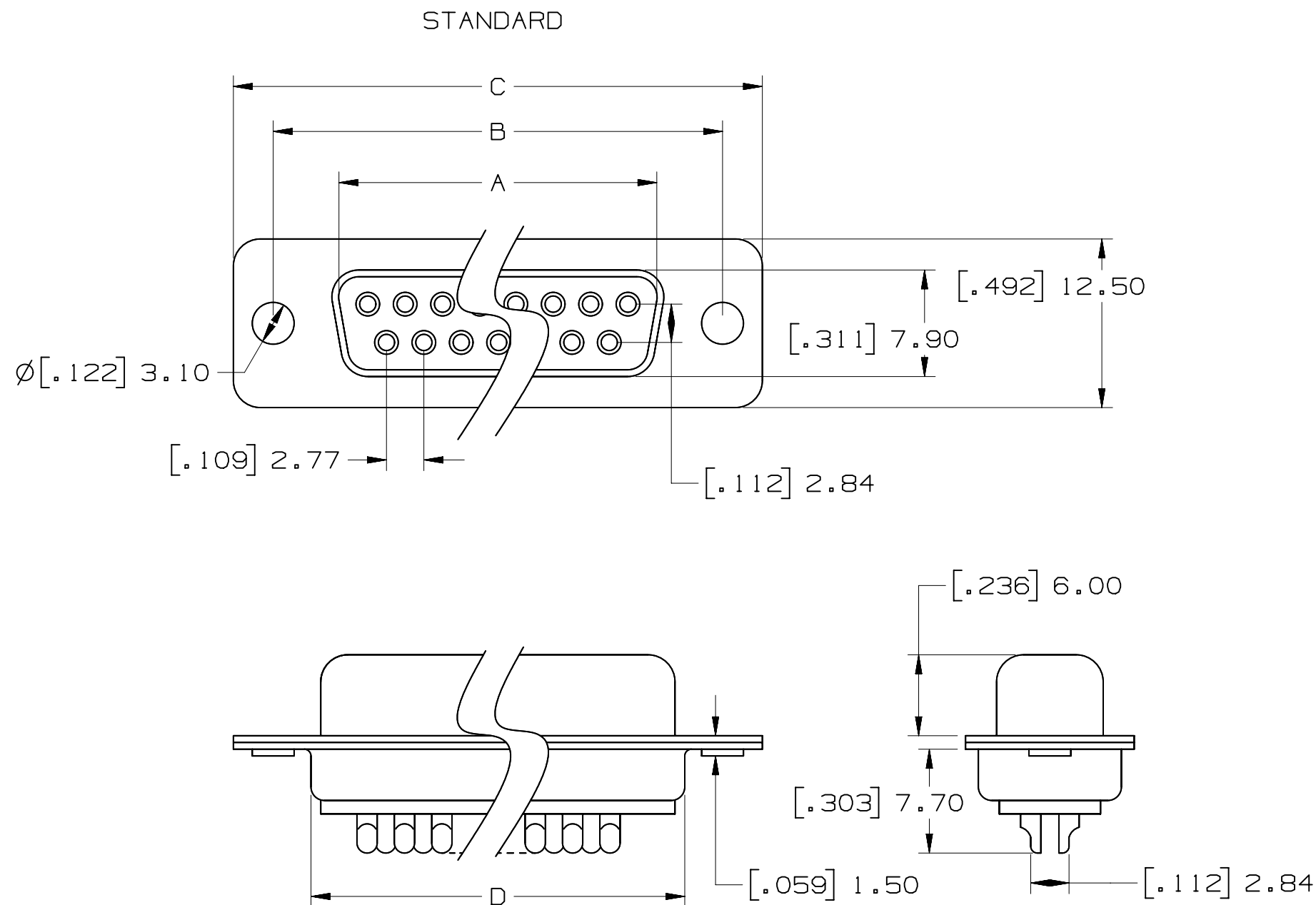


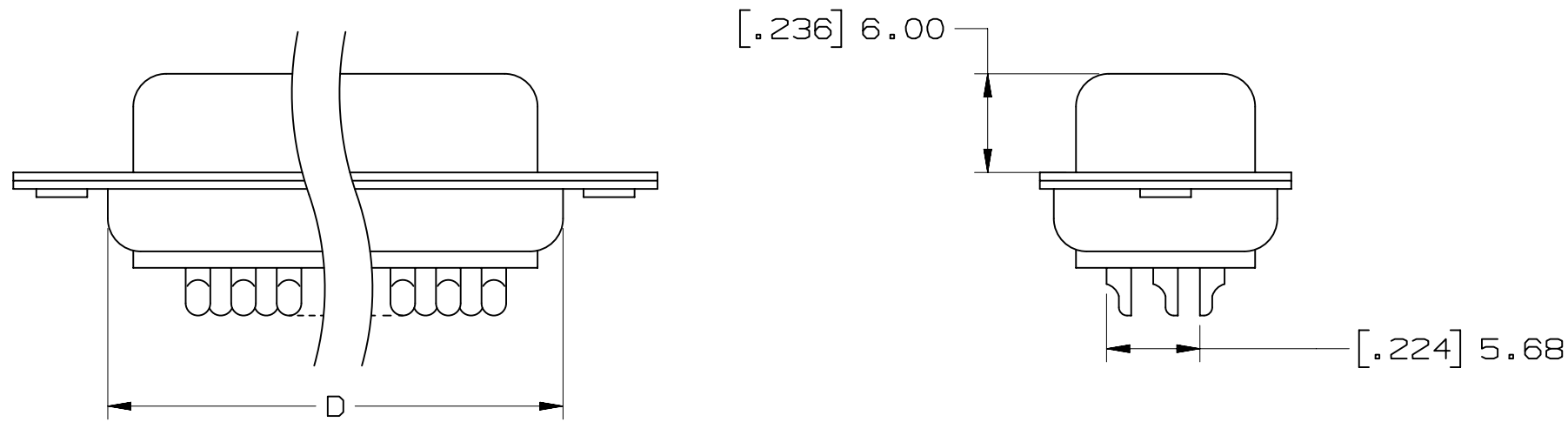
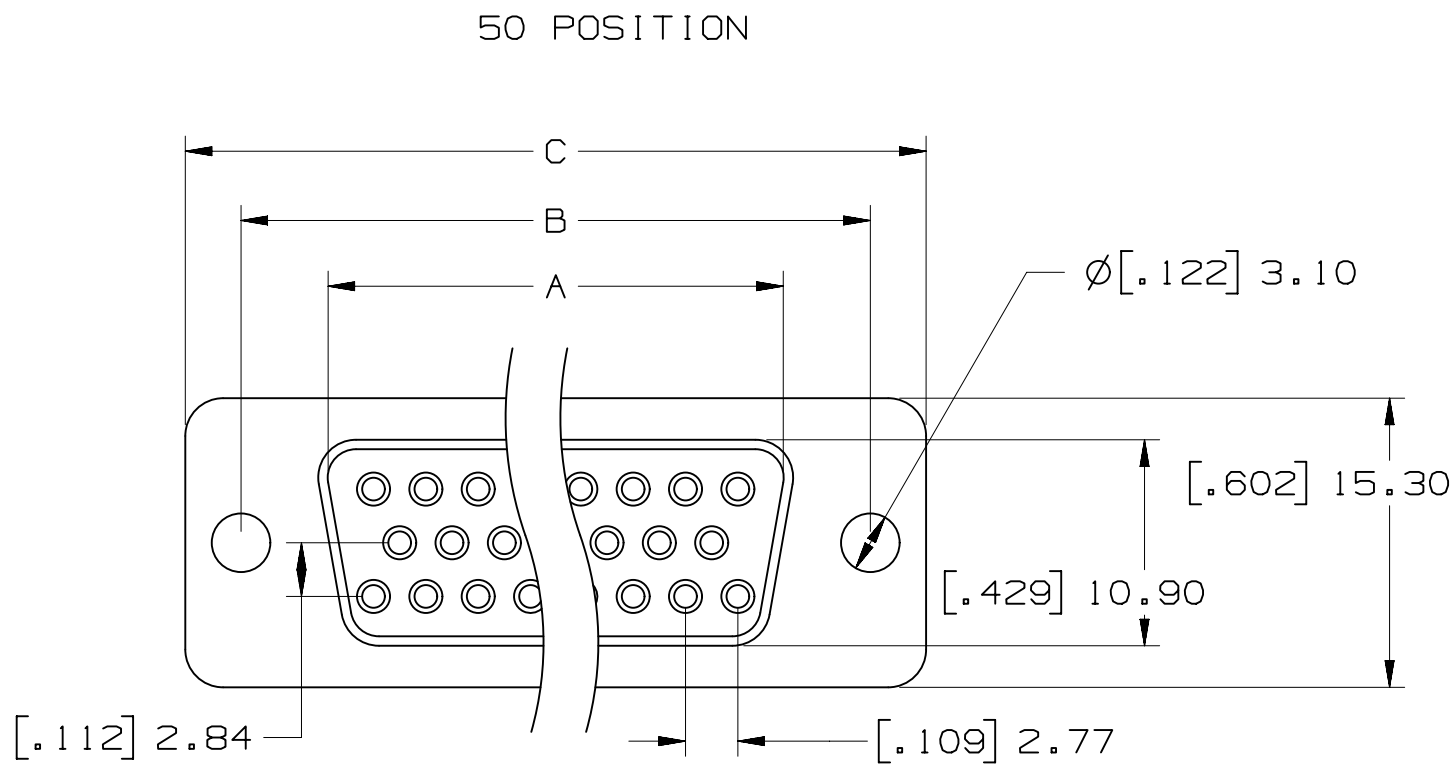
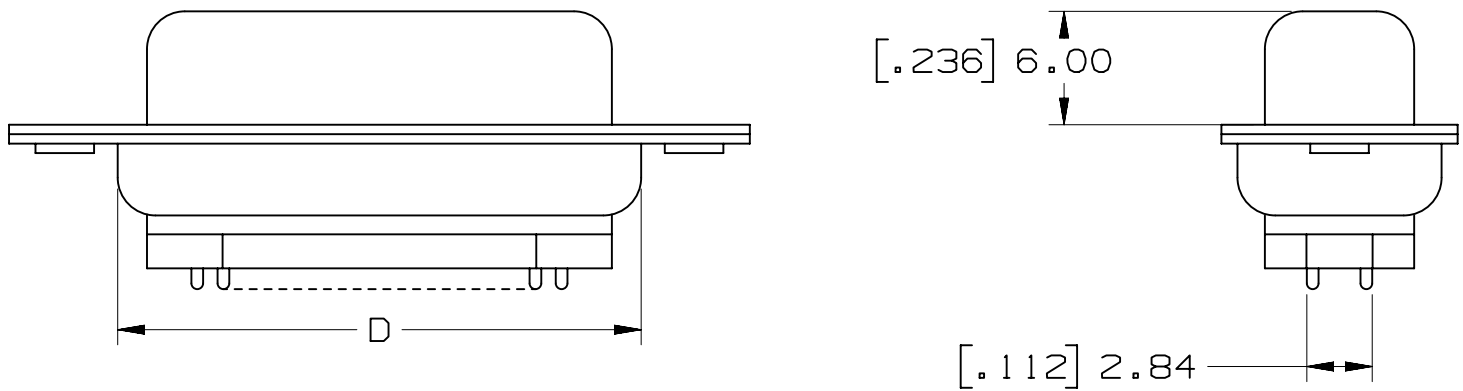
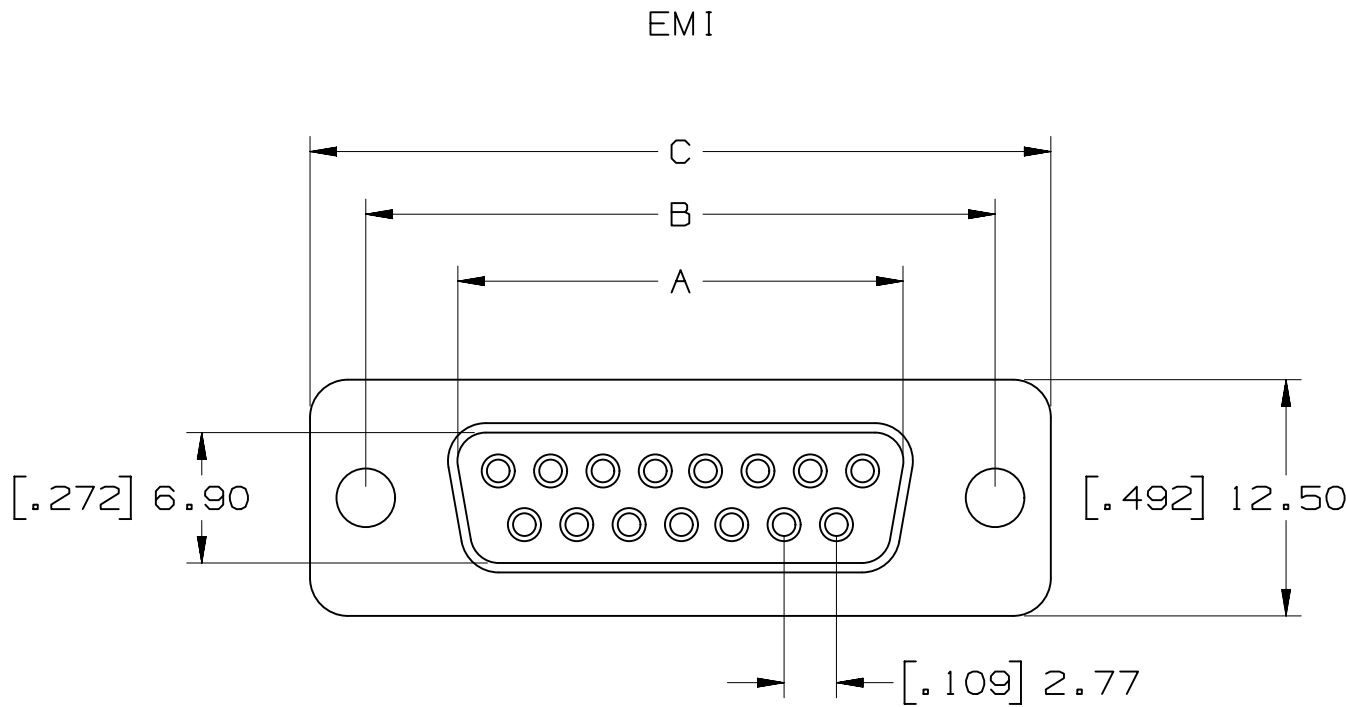
3M™ Solder Cup D Sub Socket, 8000 Series



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

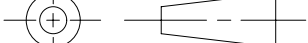
Unless otherwise noted, references to industry specifications are intended to indicate substantial compliance to the material elements of the specification. Such references should not be construed as a guarantee of compliance to all requirements in a given specification.

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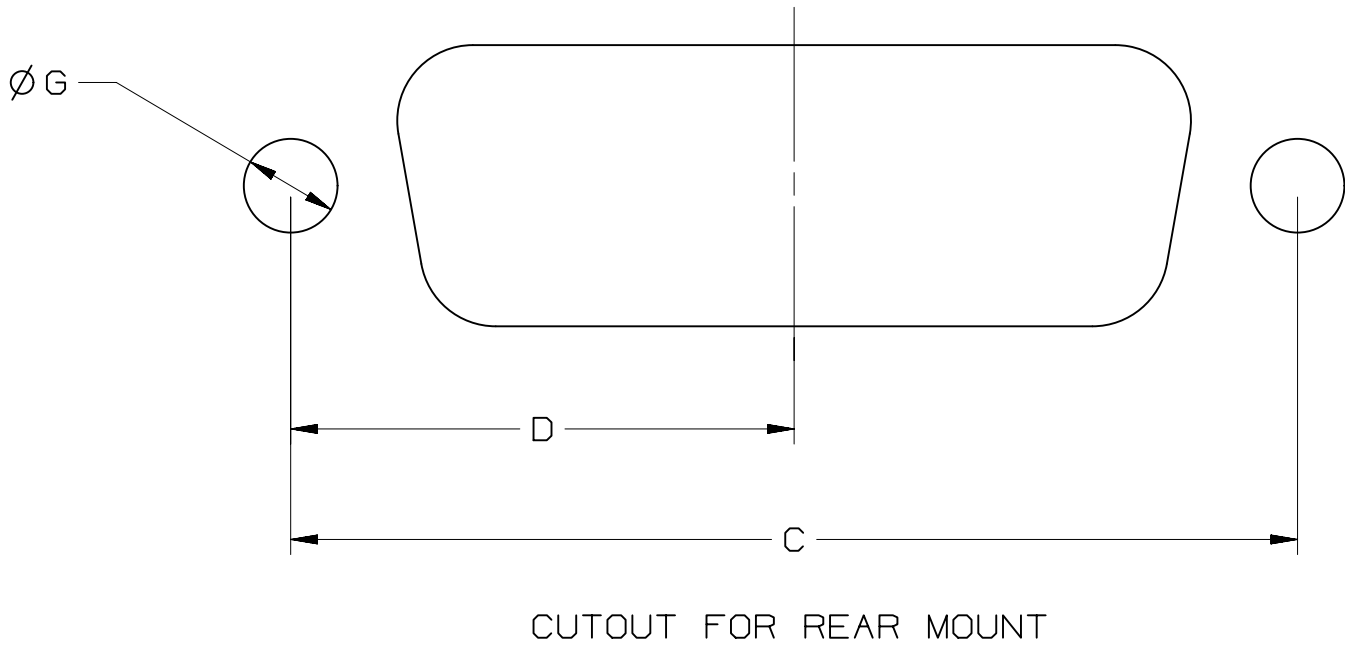
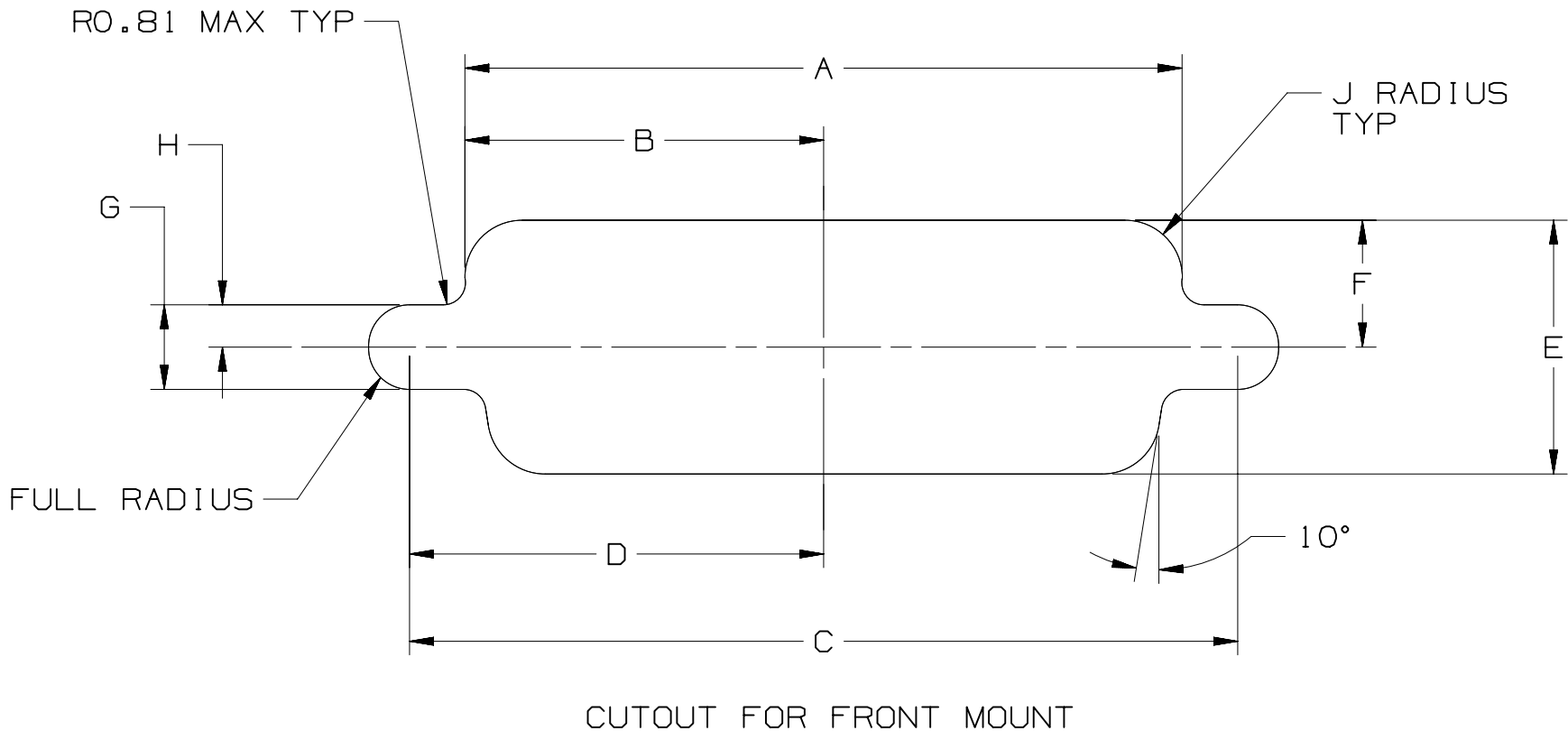
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NOTES

- 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
ACCESS CODES				DRFT	SJS	DATE	MFG	DATE	
				CHKD	ARM	DATE	APPRVL	DATE	
DIVISION		DIVISION CODE		© 3M COPYRIGHT 2013					
DO NOT SCALE DRAWING		SCALE 1		TOLERANCES EXCEPT AS NOTED		3M 3M Center St. Paul, MN 55144			
		THIRD ANGLE PROJECTION		INCHES .0000 ± .0000 ± .0000 ± .0000 ±		TITLE 8RXX-X00X D-SUB SOLDER CUP SOCKET TS-2402			
INTERPRET PER ASME Y14.5 - 1994		MILLIMETERS 0 ± 1 .00 ± .05 .00 ± .005		CAGE NUMBER D		SIZE 78-5100-2402-5		REV. C	
MAX SURFACE ROUGHNESS 125		ALL SURFACES		MODEL BR		DET. LISTS		YES X NO SHT 1 OF 2	
☒ MARKED ONLY		ANGLES ± 1°							

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		APPR		DATE	
DIVISION		DIVISION CODE											
DO NOT SCALE DRAWING		SCALE 1 1		TOLERANCES EXCEPT AS NOTED		3M 3M Center St. Paul, MN 55144 © 3M. COPYR[IGHT] 2013 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		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 DRAWING NO. 078-5100-2402-5 REV. C									
MAX SURFACE ROUGHNESS 125 ✓ □ ALL SURFACES ✗ MARKED ONLY		ANGLES ±.1°											
MODEL		BR		DET		LISTS		YES		NO		SHT 2 OF 2	

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