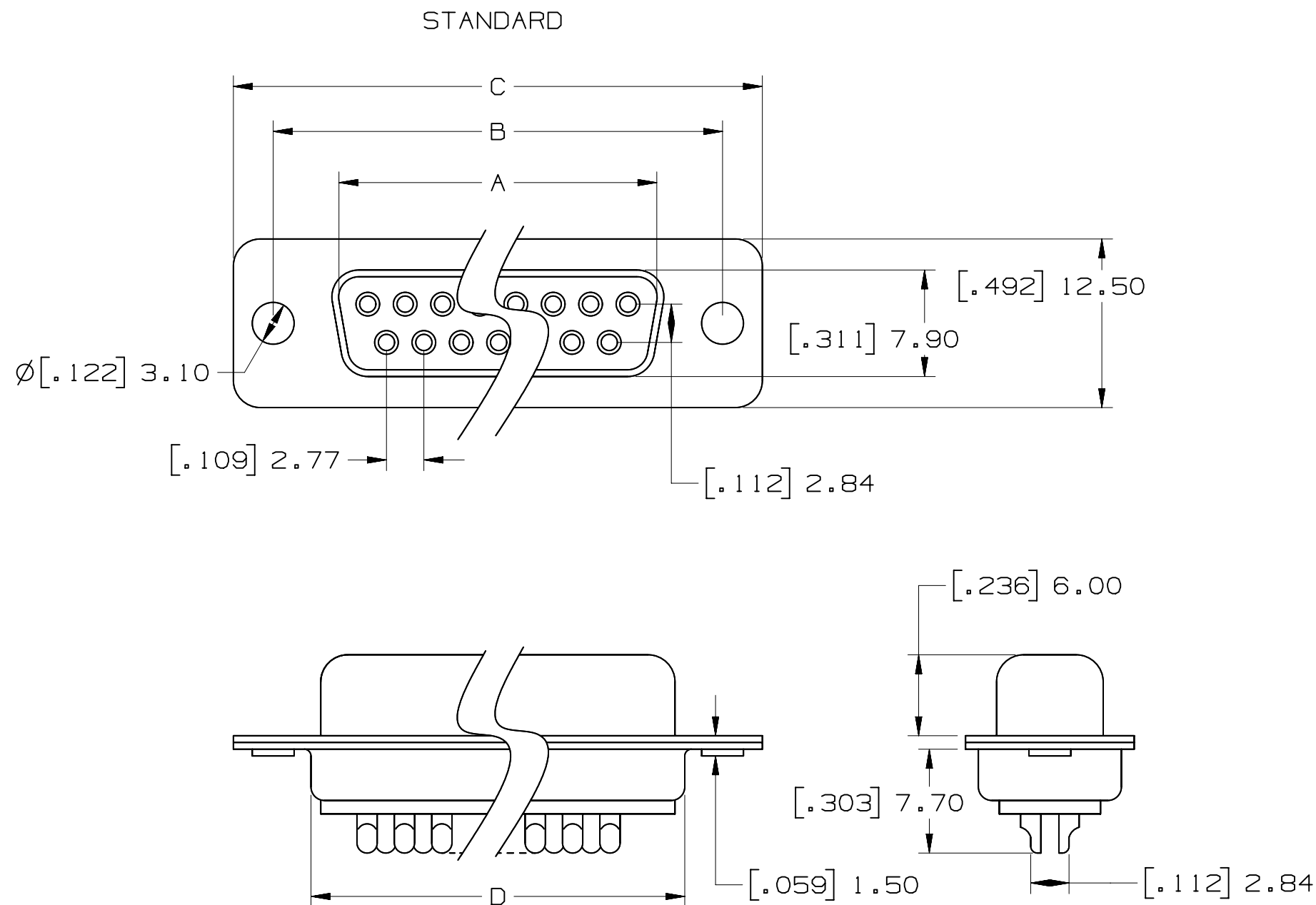


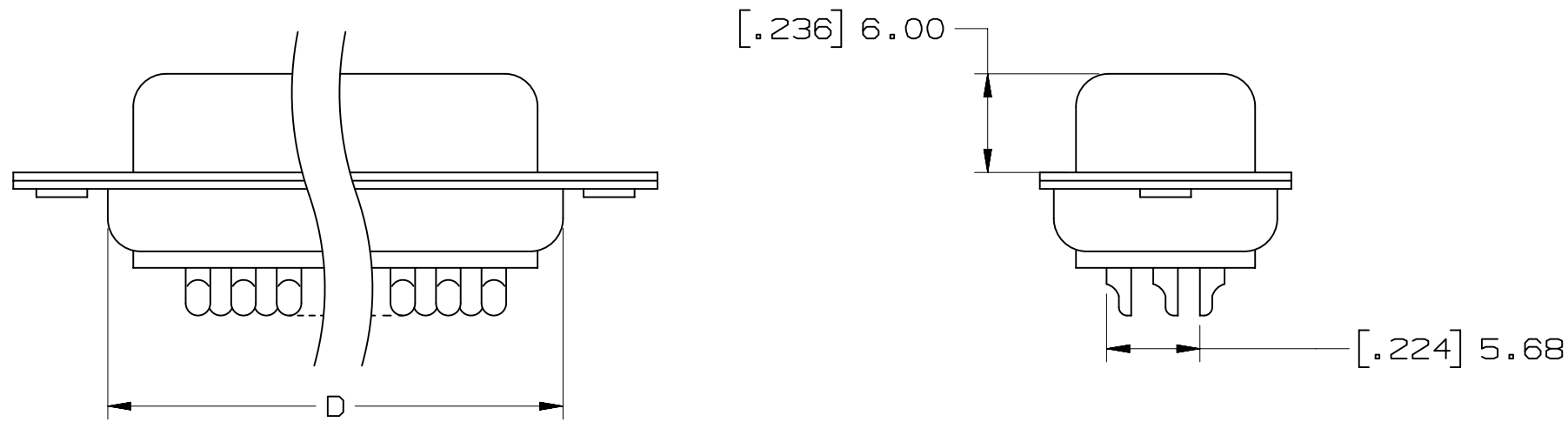
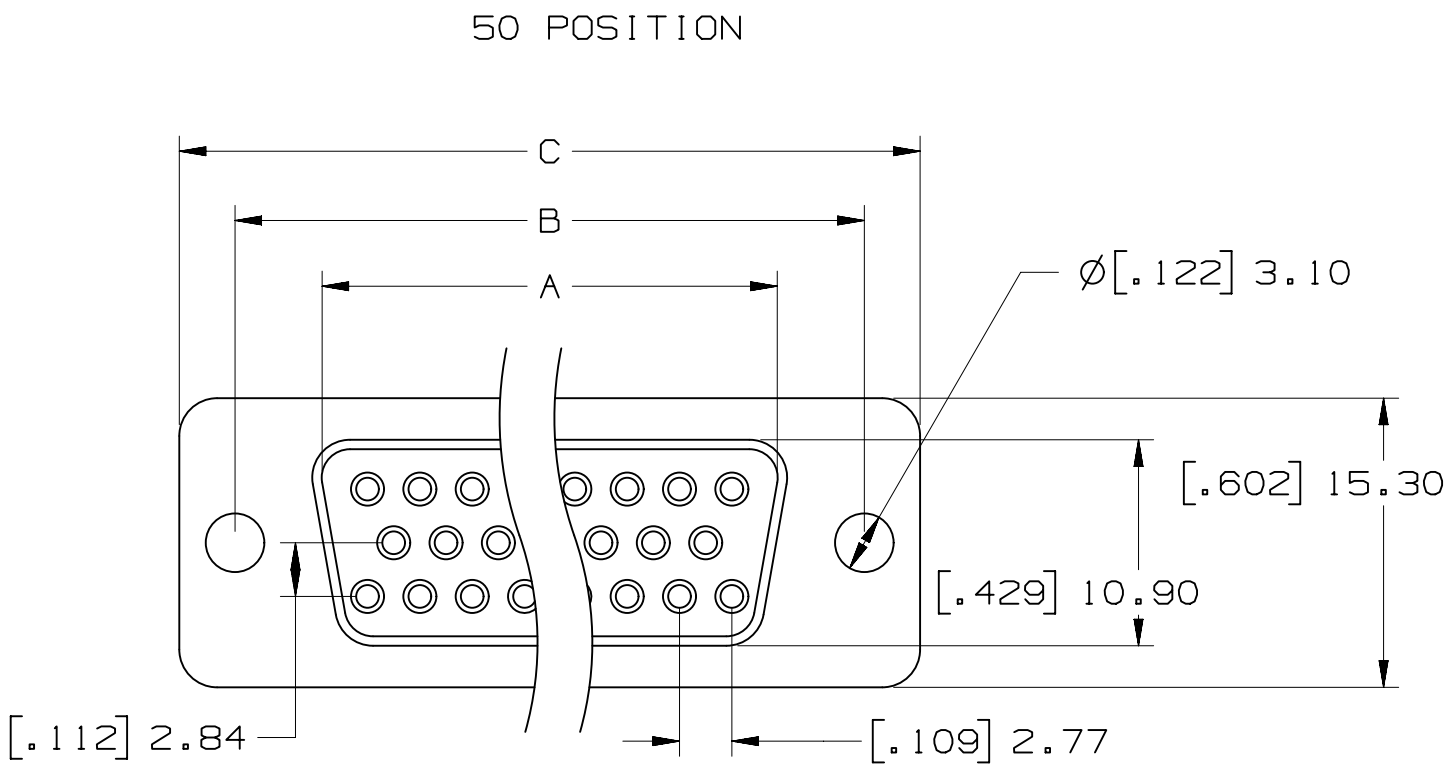
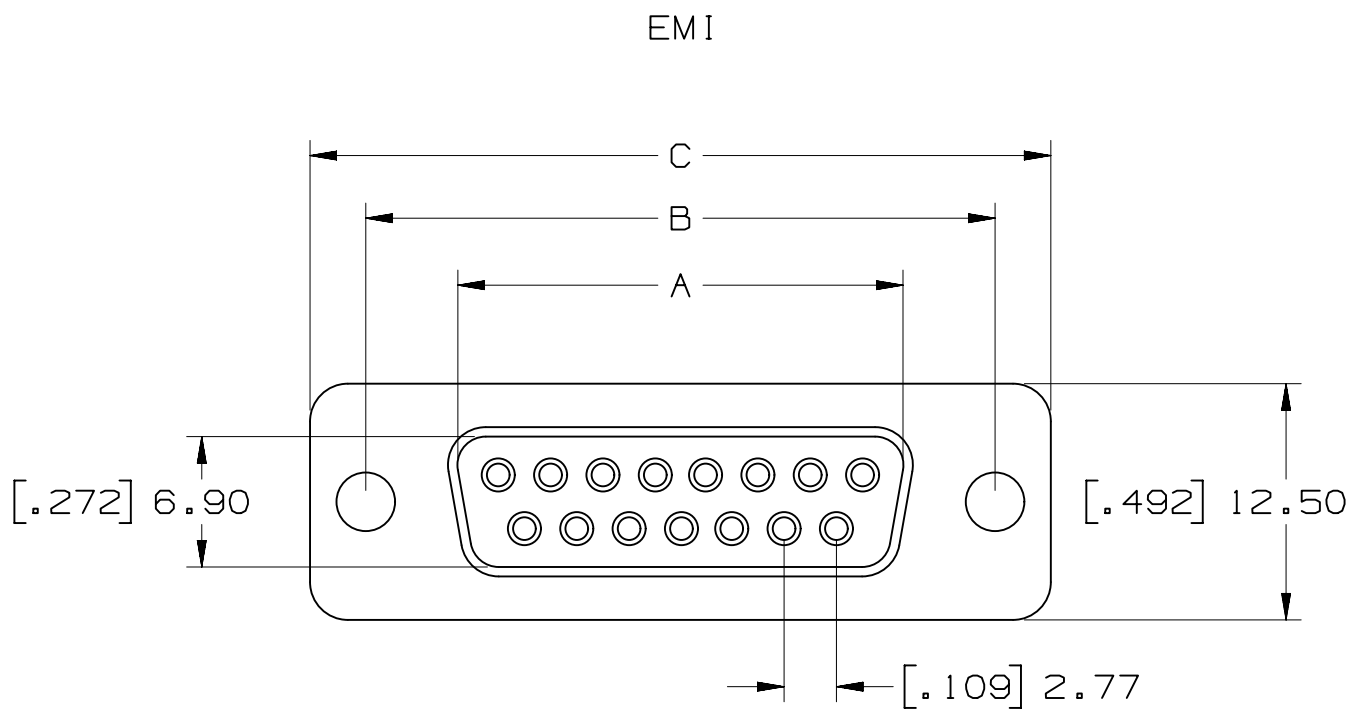
3M™ Solder Cup D Sub Socket, 8000 Series



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.

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

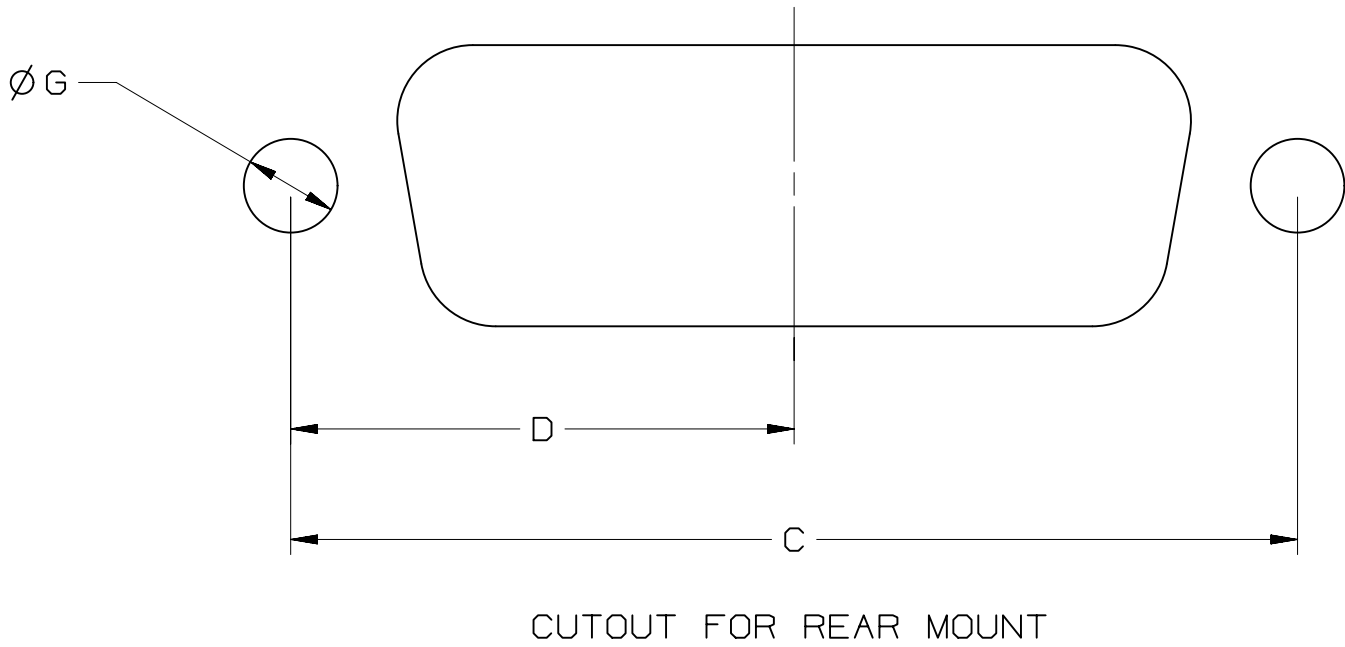
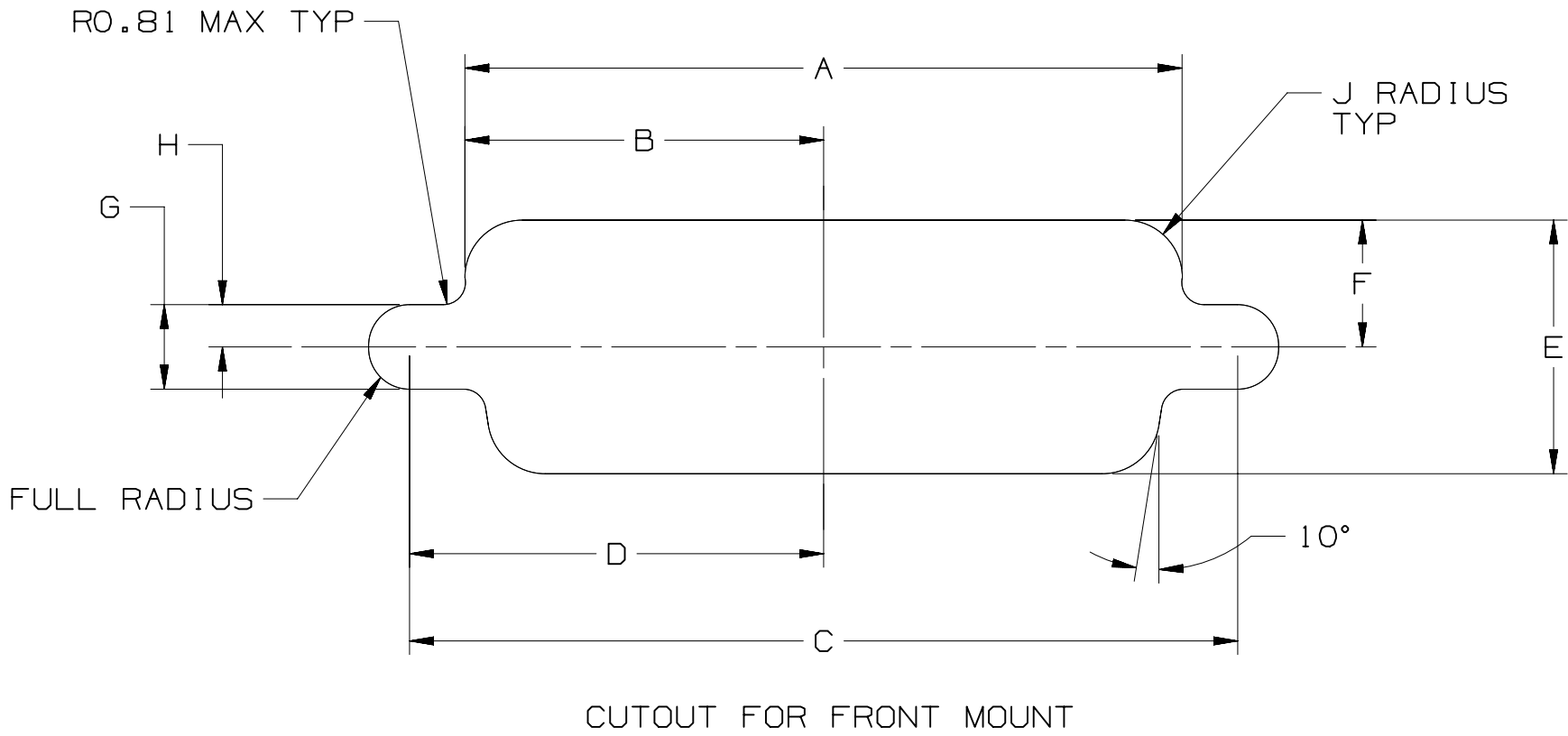
3M IS A TRADEMARK OF 3M COMPANY.
FOR TECHNICAL, SALES OR ORDERING
INFORMATION, CALL 800-225-5373

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 CODES				3M SJS		DATE MAY 18, 2011	MFG DATE		
				CHKD ARM		DATE MAY 18, 2011	APPRVL DATE		
DIVISION		DIVISION CODE							
DO NOT SCALE DRAWING	SCALE 1 1	TOLERANCES EXCEPT AS NOTED							
THIRD ANGLE PROJECTION		INCHES 0 ±.01 ±.005 ±.0005 ±.00005							
INTERPRET PER ASME Y14.5 - 1994		MILLIMETERS 0 ±.1 ±.05 ±.005 ±.0005							
MAX SURFACE ROUGHNESS 125 / ALL SURFACES ✓ MARKED ONLY		ANGLES ±1°							
TITLE		8RXX-X00X D-SUB SOLDER CUP SOCKET TS-2402							
CAGE NUMBER		SIZE	DRAWING NO.	REV.					
125		D	78-5100-2402-5	C					
MODEL		BR	DET	ISTS	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
		REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
DESIGN REFERENCE		NEXT ASSEMBLY		DATE		DATE	
XREF CODES		SJS		MAY 18, 2011		MFG	
		CHKD ARM		DATE MAY 18, 2011		APPL	
DIVISION		DIVISION CODE		DATE		DATE	
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		© 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.	
INTERPRET PER ASME Y14.5 - 1994		MILLIMETERS 0 ±.1 ±.00 ±.05 ±.0005		TITLE 8RXX-X00X D-SUB SOLDER CUP SOCKET TS-2402			
MAX SURFACE ROUGHNESS 125 ✓ □ ALL SURFACES ✗ MARKED ONLY		ANGLES ±.1 °		CAGE NUMBER D		SIZE 78-5100-2402-5	
				DRAWING NO.		REV.	
				MODEL BR		C	
				DET LISTS		YES YES	
				SHT 2 OF 2		NO	