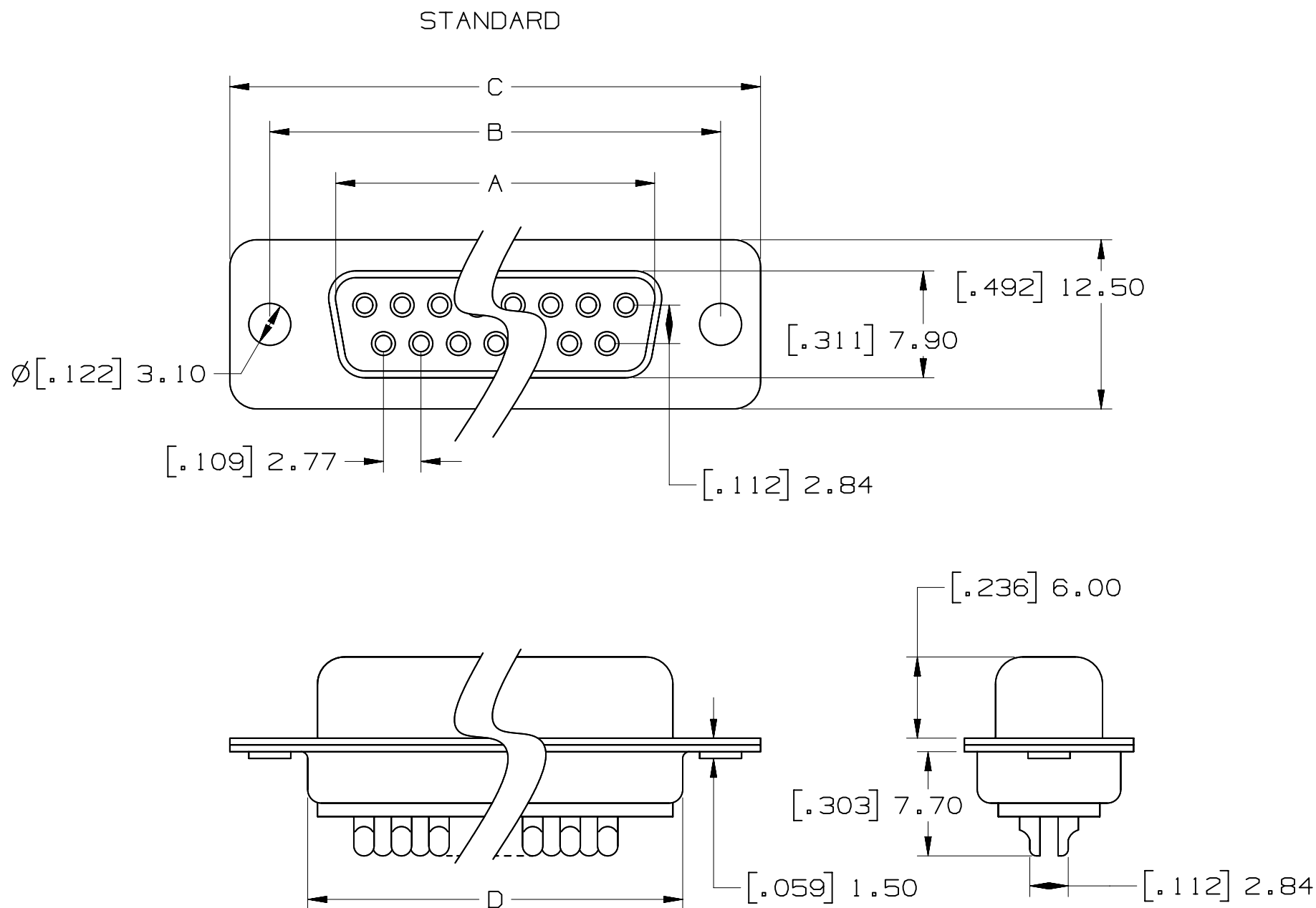


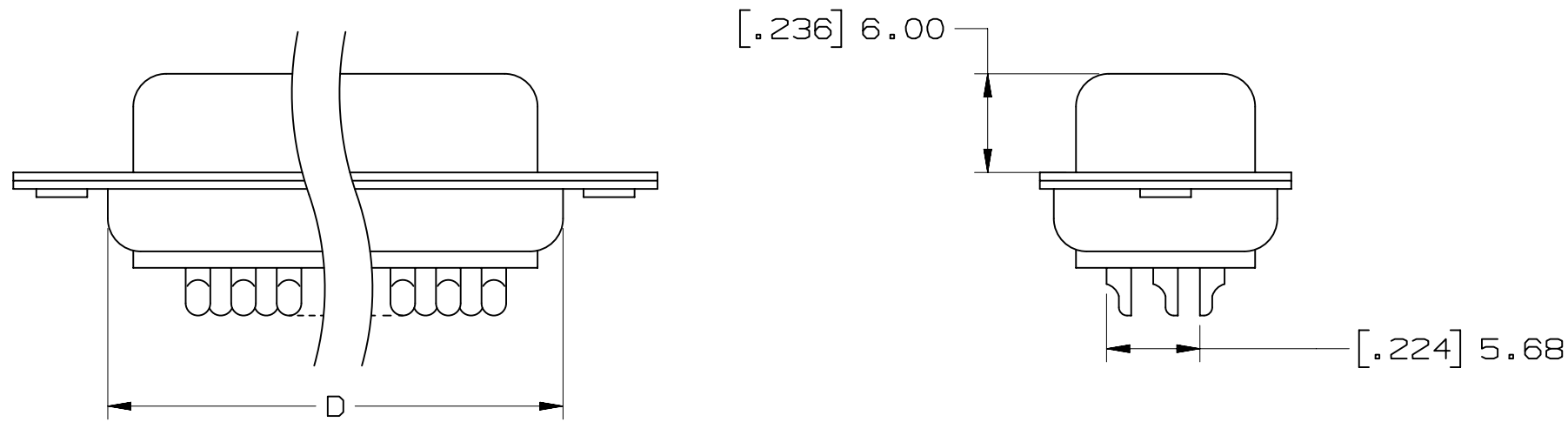
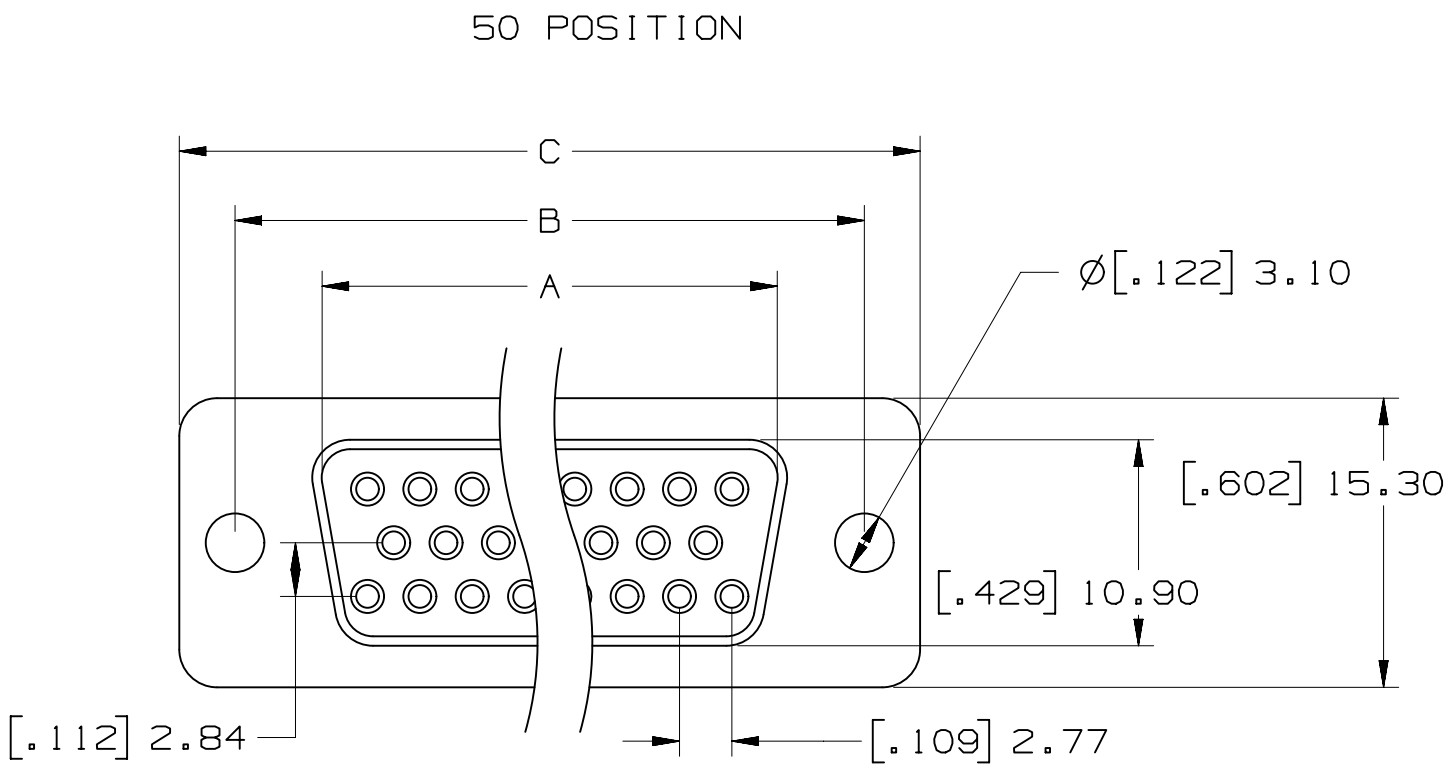
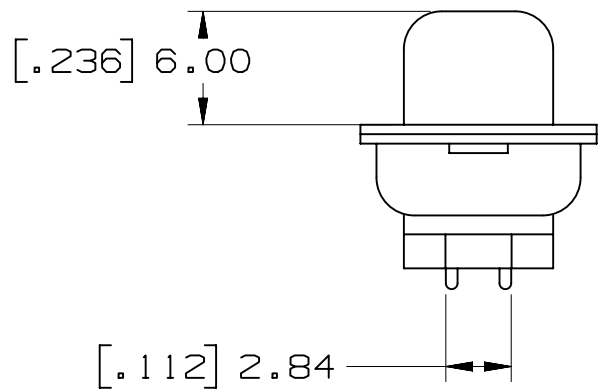
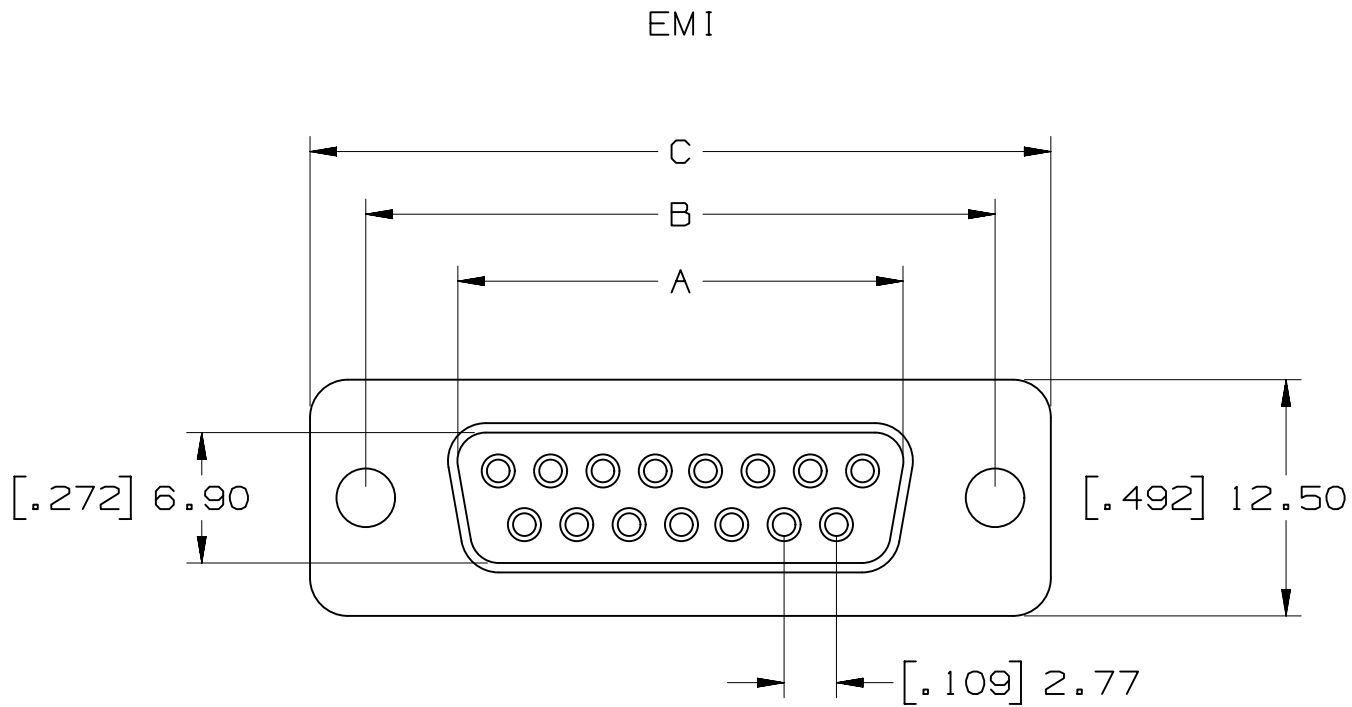
3M™ Solder Cup D Sub Socket, 8000 Series



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>

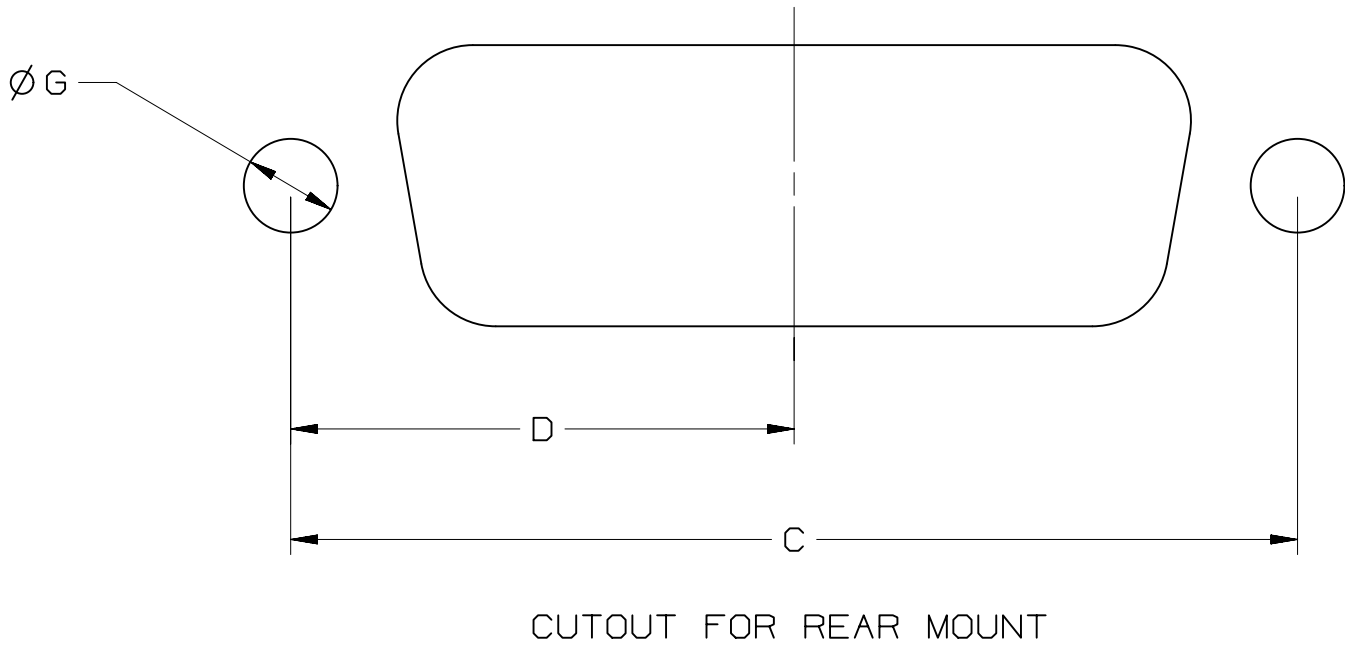
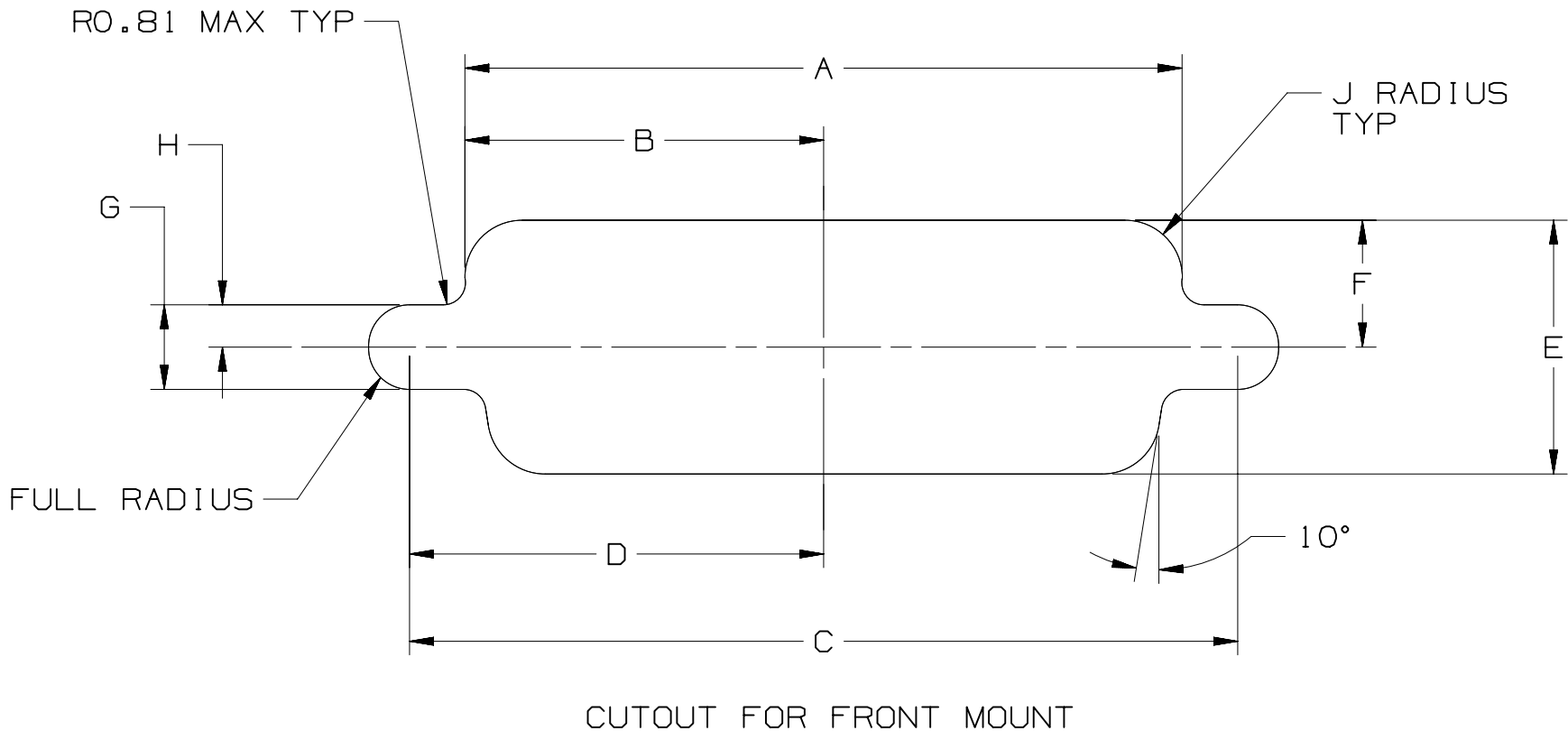
3M IS A TRADEMARK OF 3M COMPANY.
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INFORMATION, CALL 800-225-5373

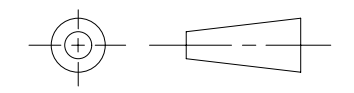
NOTES

- 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		DATE	MFG	DATE	
3M	8RXX-X00X	1	1	ARM		DATE	APPR	DATE	
DIVISION		DIVISION CODE		© 3M COPYR[IGHT] 2013					
DO NOT SCALE DRAWING		SCALE 1/1		TOLERANCES EXCEPT AS NOTED					
THIRD ANGLE PROJECTION		INCHES		MILLIMETERS					
MAX SURFACE ROUGHNESS		125/		ALL SURFACES					
125/		✓		MARKED ONLY					
ANGLES ±1°		ANGLES ±1°		ANGLES ±1°					
TITLE		8RXX-X00X D-SUB SOLDER CUP SOCKET TS-2402		CAGE NUMBER					
CAGE NUMBER		D		DRAWING NO.					
D		78-5100-2402-5		REV.					
MODEL		BR		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	
						MAY 18, 2011				
DESIGN REFERENCE				NEXT ASSEMBLY		ISSUE DATE AND DESCRIPTION		DRFT	CHKD	
ADDR CODES				REV	ECO	DATE	DATE	MFG	DATE	
				SJS		MAY 18, 2011				
				CHKD	ARM	MAY 18, 2011		APPRV	DATE	
DIVISION				DIVISION CODE						
DO NOT SCALE DRAWING				SCALE 1 1		TOLERANCES EXCEPT AS NOTED				
				THIRD ANGLE PROJECTION		INCHES .00 ± .002 ± .0000 ±				
INTERPRET PER ASME Y14.5 - 1994				MILLIMETERS 0 ±.1 .0 ±.5 .00 ±.05 .000 ±.005		TITLE 8RXX-X00X D-SUB SOLDER CUP SOCKET TS-2402				
MAX SURFACE ROUGHNESS 125 ✓				□ ALL SURFACES ☒ MARKED ONLY		CAGE NUMBER D		DRAWING NO. 78-5100-2402-5		REV. C
				ANGLES ±.1 °		MODEL BR		DET. LISTS		YES ☒ NO
								SHT 2 OF 2		

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