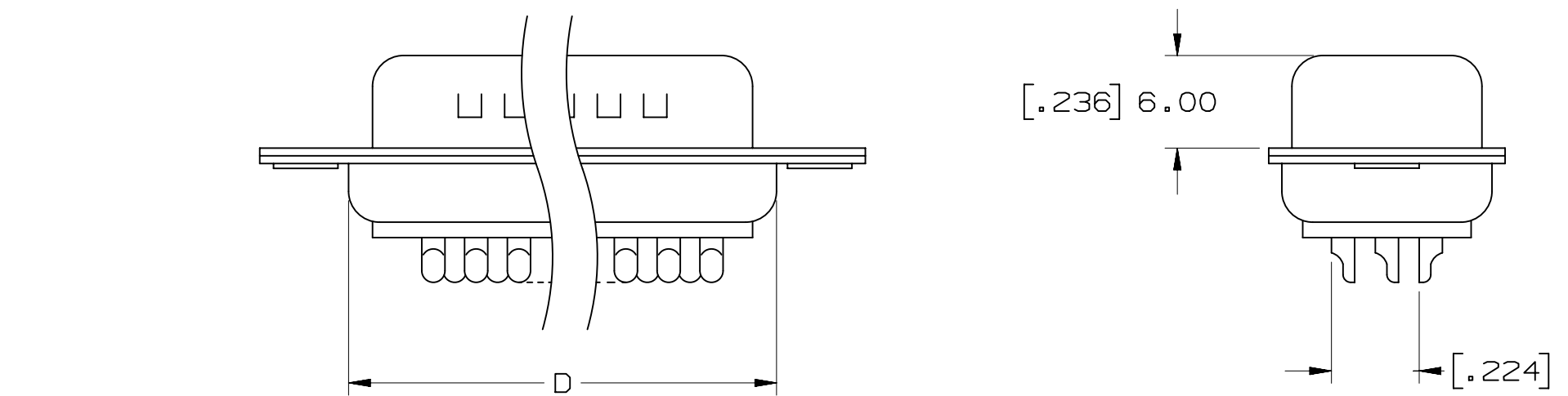
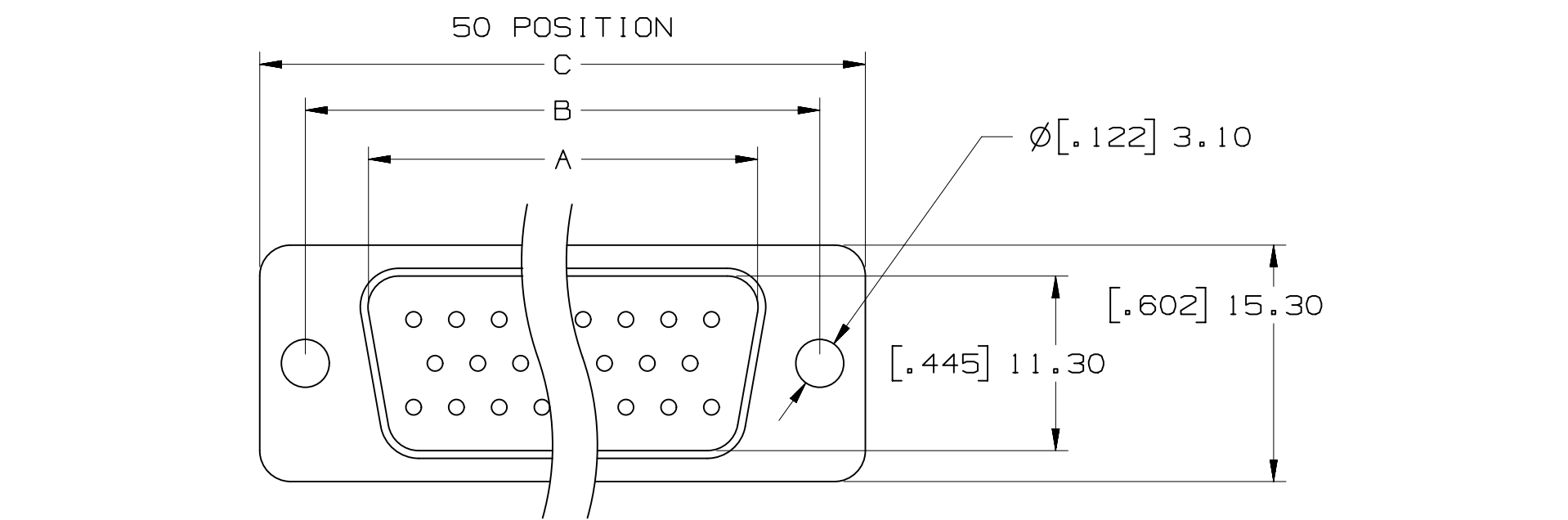
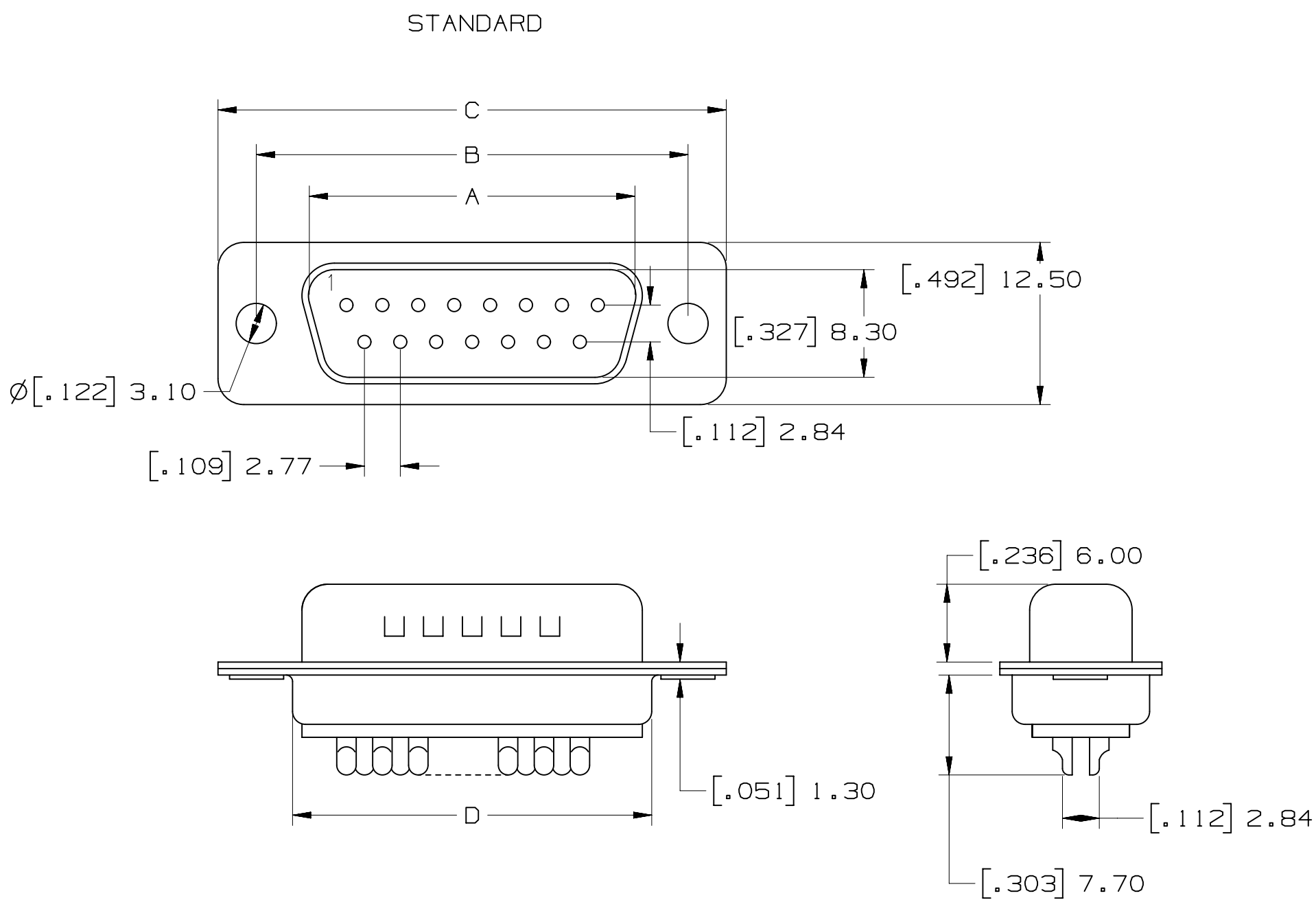
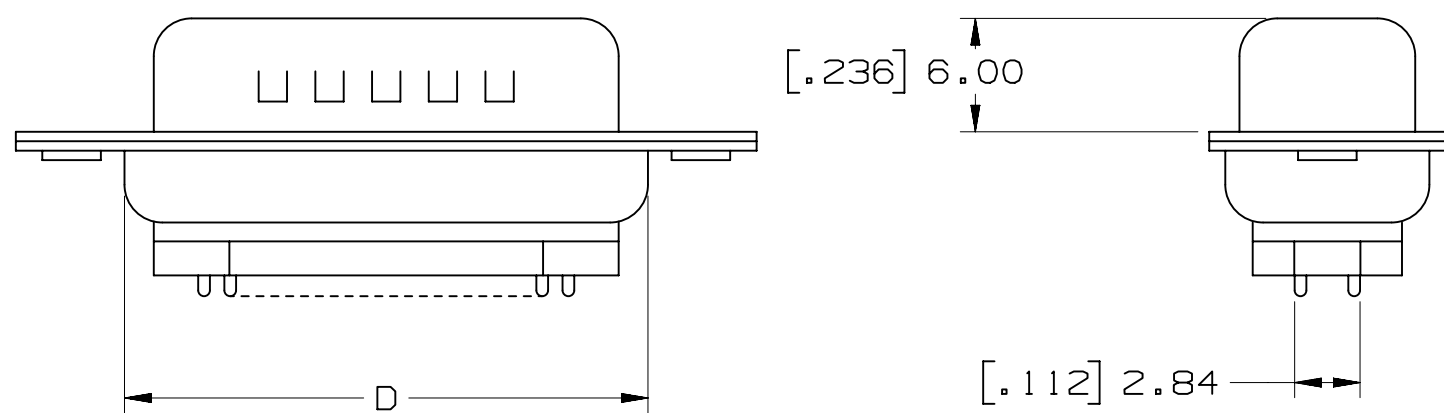
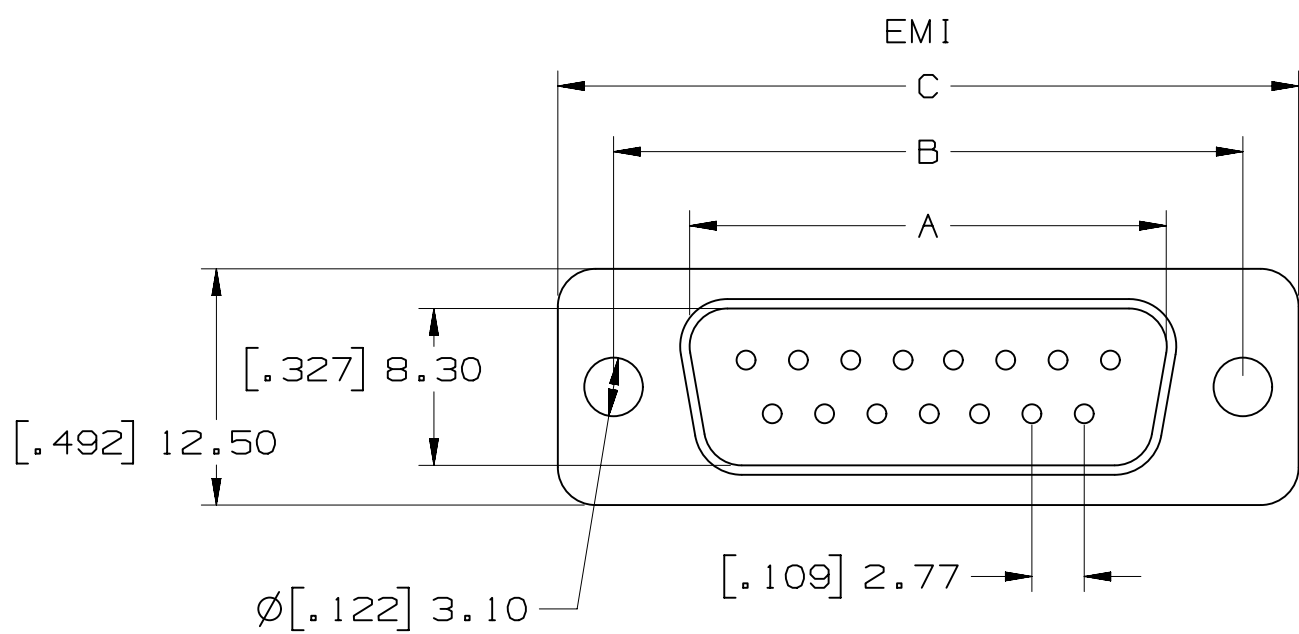


3M™ Solder Cup D Sub Plug, 8000 Series



POSITION	A	B	C	D
09	[.67] 16.92	[.98] 25.0	[1.21] 30.8	[.76] 19.2
15	[.99] 25.25	[1.31] 33.3	[1.54] 39.2	[1.09] 27.7
25	[1.53] 38.96	[1.85] 47.1	[2.09] 53.1	[1.62] 41.1
37	[2.18] 55.42	[2.50] 63.5	[2.73] 69.4	[2.26] 57.3
50*	[2.08] 52.8	[2.41] 61.0	[2.64] 67.0	[2.17] 55.1

*50 POSITION AVAILABLE IN STANDARD ONLY



8PXX - X00X

PLATING
1 - AU FLASH
2 - 30μ" AU

NUMBER OF CONTACTS
(SEE TABLE)

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
DO NOT SCALE DRAWING	SCALE 1/1	TOLERANCES EXCEPT AS NOTED	INCHES	THIRD ANGLE PROJECTION	INTERPRET PER ASME Y14.5 - 1994	MAX SURFACE ROUGHNESS
125	ALL SURFACES	MARKED ONLY	ANGLES ±1°	CAGE NUMBER	SIZE	DRAWING NO.
125	ALL SURFACES	MARKED ONLY	ANGLES ±1°	CAGE NUMBER	SIZE	DRAWING NO.
125	ALL SURFACES	MARKED ONLY	ANGLES ±1°	CAGE NUMBER	SIZE	DRAWING NO.

C	46292	MAR 28, 2013	CORRECT SHELL MATL	SJS	ARM
B	35416	AUG 29, 2011	CHANGE MOHMS TO mOHMS, UPDATE ROHS	SJS	ARM
A	34511	MAY 17, 2011	MAY 17, 2011	SJS	ARM
REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD	
DO NOT SCALE DRAWING	SCALE 1/1	TOLERANCES EXCEPT AS NOTED	INCHES	THIRD ANGLE PROJECTION	INTERPRET PER ASME Y14.5 - 1994
125	ALL SURFACES	MARKED ONLY	ANGLES ±1°	CAGE NUMBER	SIZE
125	ALL SURFACES	MARKED ONLY	ANGLES ±1°	CAGE NUMBER	SIZE
125	ALL SURFACES	MARKED ONLY	ANGLES ±1°	CAGE NUMBER	SIZE

NOTES

- 1 MATERIAL: THERMAL PLASTIC UL94V-0
CONTACTS: COPPER ALLOY
SHELL: 63141 SPCC OR EQUIVALENT
- 2 PLATING: 50μ" NICKEL UNDERPLATE
1μ" AU WIPING AREA
30μ" AU WIPING AREA
100-200μ" TIN (BRIGHT TIN) SOLDER TAIL
- 3 MATES WITH: 8RXX-X00X
- 4 SEE THE REGULATORY INFORMATION APPENDIX (RIA) IN "RoHS COMPLIANCE" SECTION OF WWW.3MCONNECTOR.COM FOR COMPLIANCE INFORMATION (RIA E1&C1 APPLY)

PERFORMANCE	
OPERATION VOLTAGE:	250VAC 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

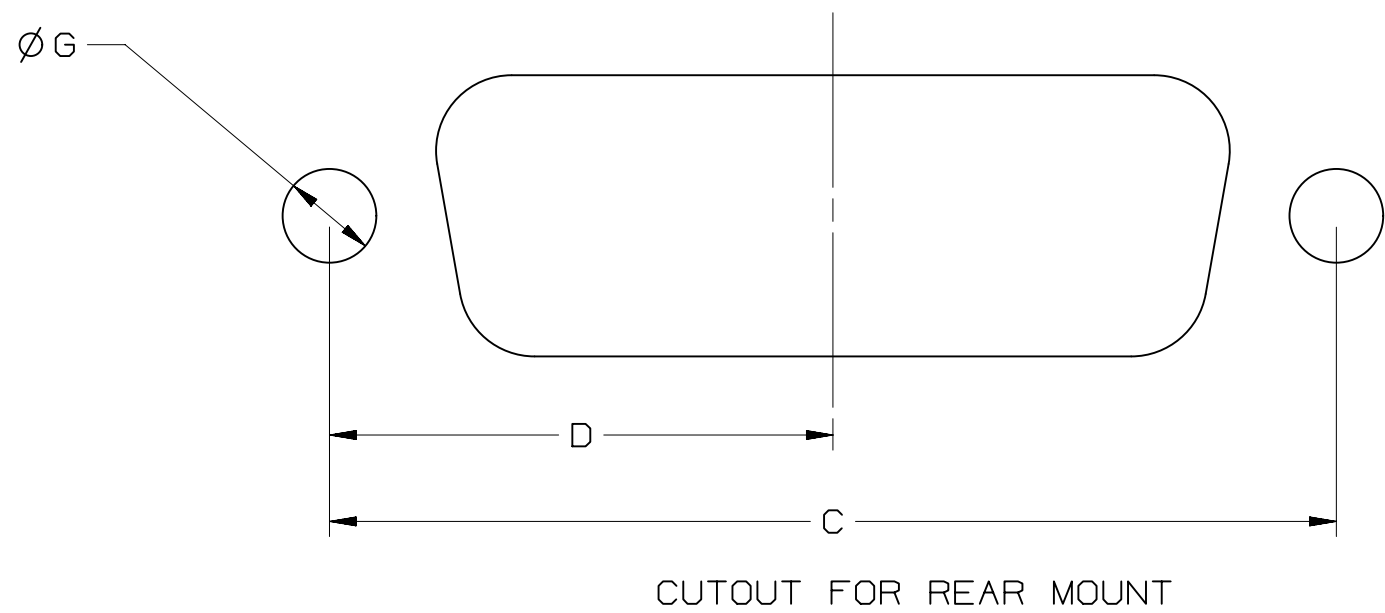
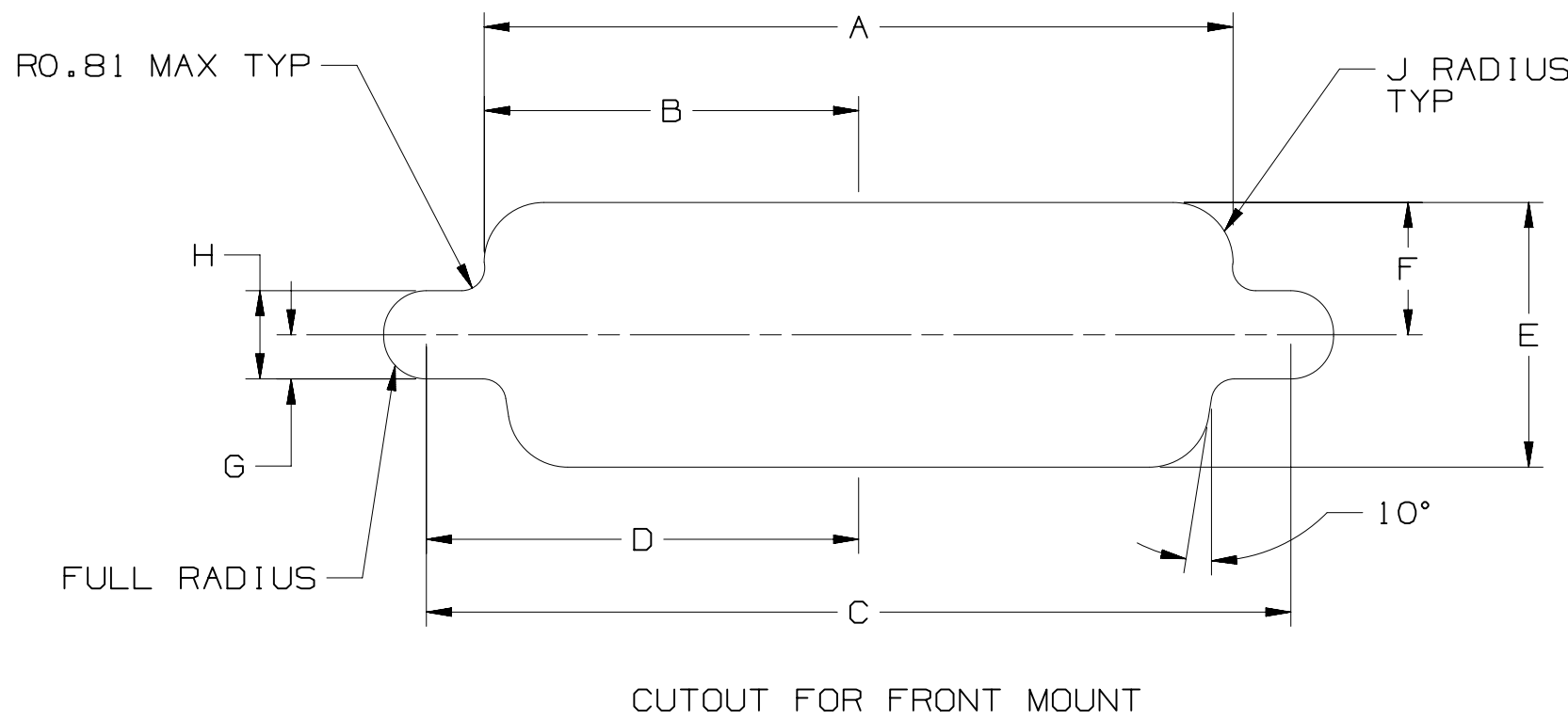
3M ELECTRONIC SOLUTIONS DIVISION
INTERCONNECT SOLUTIONS
<http://www.3mconnectors.com>

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

78-5100-2357-1
DRAWING NUMBER

REVISION

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	35416	CORRECT SHELL MATL AUG 29, 2011 CHANGE MOHMS TO mOHMS, UPDATE ROHS		SJS	ARM			
				A	34511	MAY 17, 2011 MAY 17, 2011		SJS	ARM			
DESIGN REFERENCE				NEXT ASSEMBLY		REV		ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD	
AKS				CODES		DWT		SJS	DATE	MAY 17, 2011	MFG	DATE
						CHKD		ARM	DATE	MAY 17, 2011	APPR	DATE
DIVISION				DIVISION CODE		© 3M Corporation 2013						
DO NOT SCALE DRAWING		SCALE 1 1		TOLERANCES EXCEPT AS NOTED		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.						
				INCHES		TITLE						
THIRD ANGLE PROJECTION				.00 .00 .000 .0000 ±		8PXX -X00X D-SUB SOLDER CUP PLUG TS-2357						
INTERPRET PER ASME Y14.5 - 1994				MILLIMETERS 0 ± 1 .00 ± .5 .00 ± .05 .000 ± .005		CAGE NUMBER						
MAX SURFACE ROUGHNESS 125 √		□ ALL SURFACES ☒ MARKED ONLY		ANGLES ± 1 °		SIZE						
						DRAWING NO.						
						D78-5100-2357-1						
						REV.						
						C						
						MODEL						
						BP						
						DET.						
						LISTS						
						YES ☒ NO						
						SHT 2 OF 2						

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