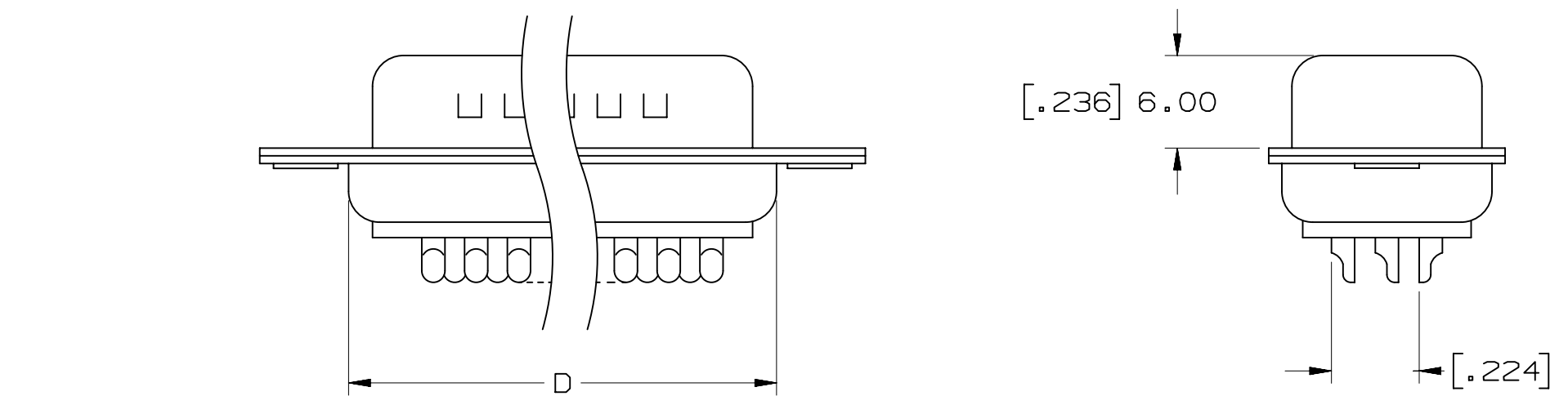
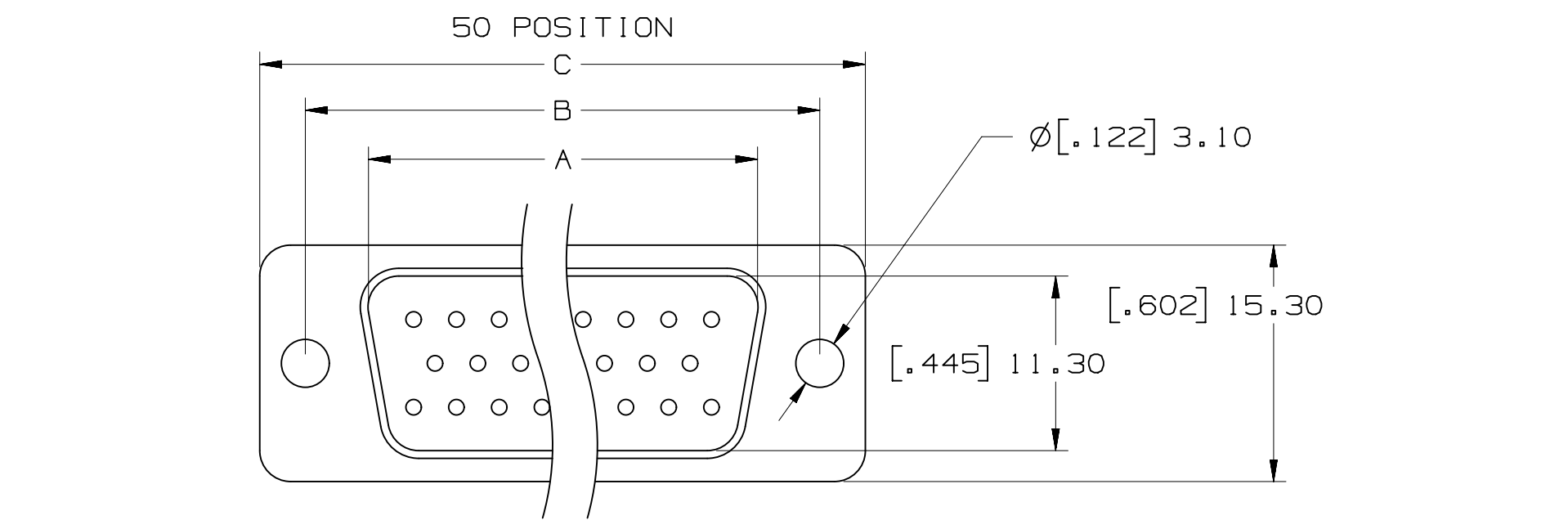
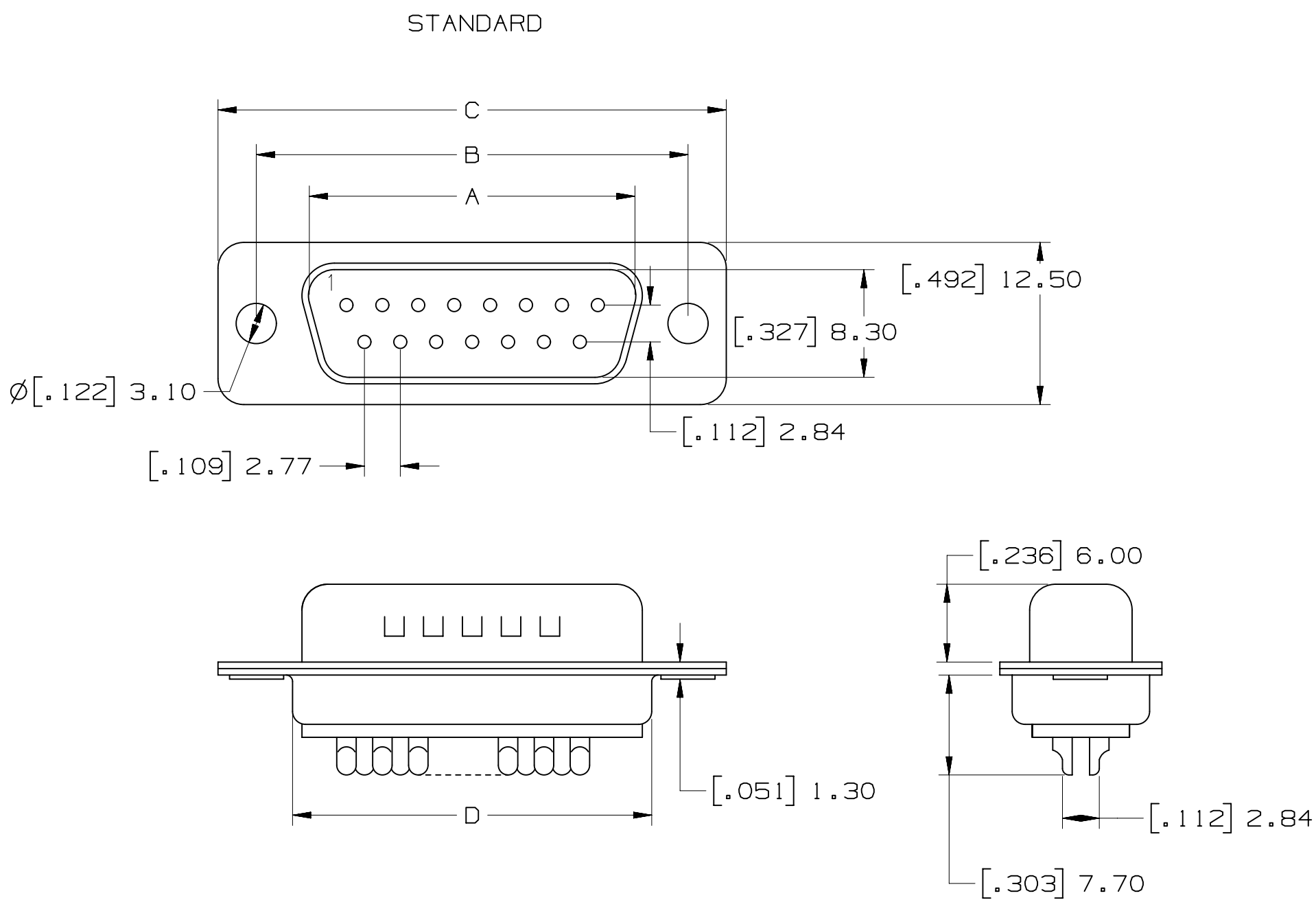
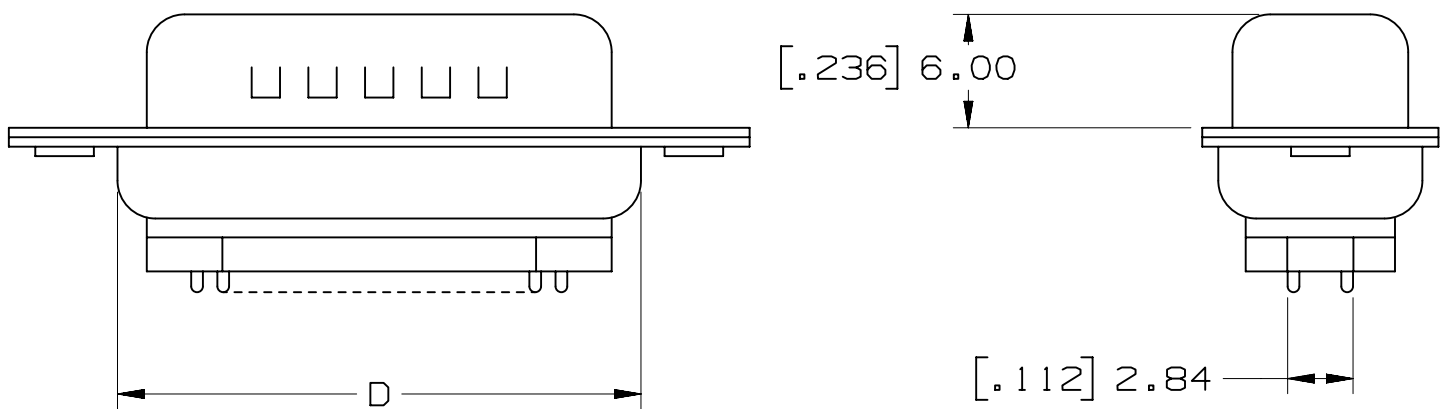
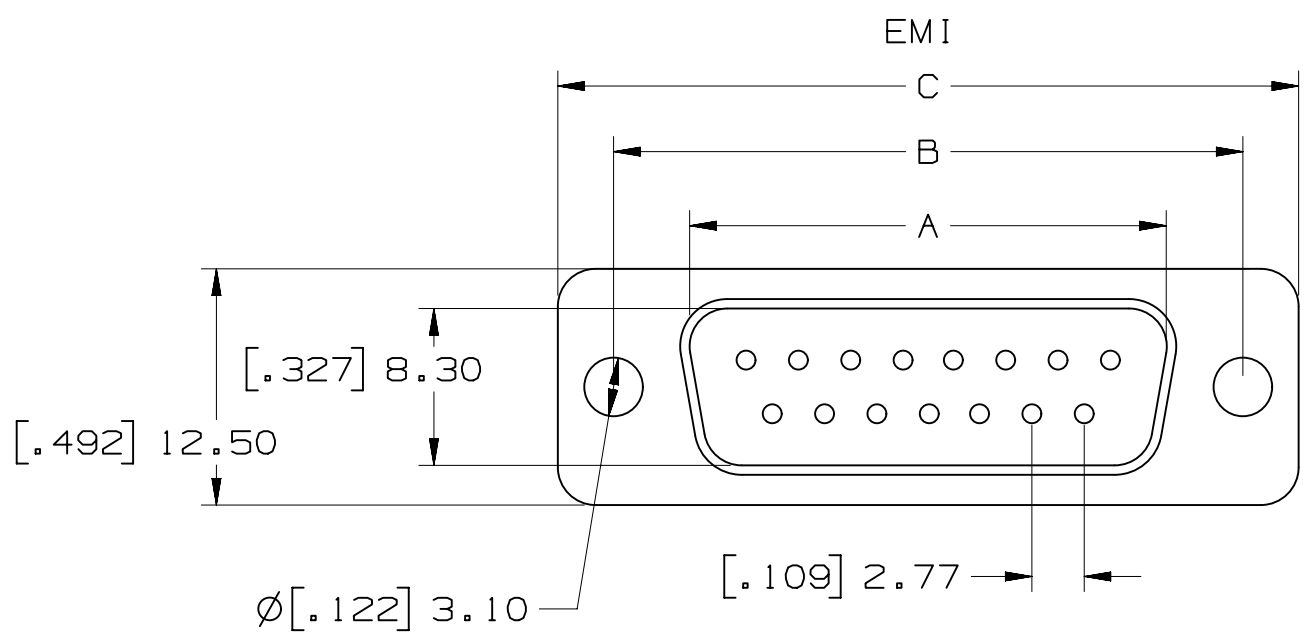


3M™ Solder Cup D Sub Plug, 8000 Series



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)

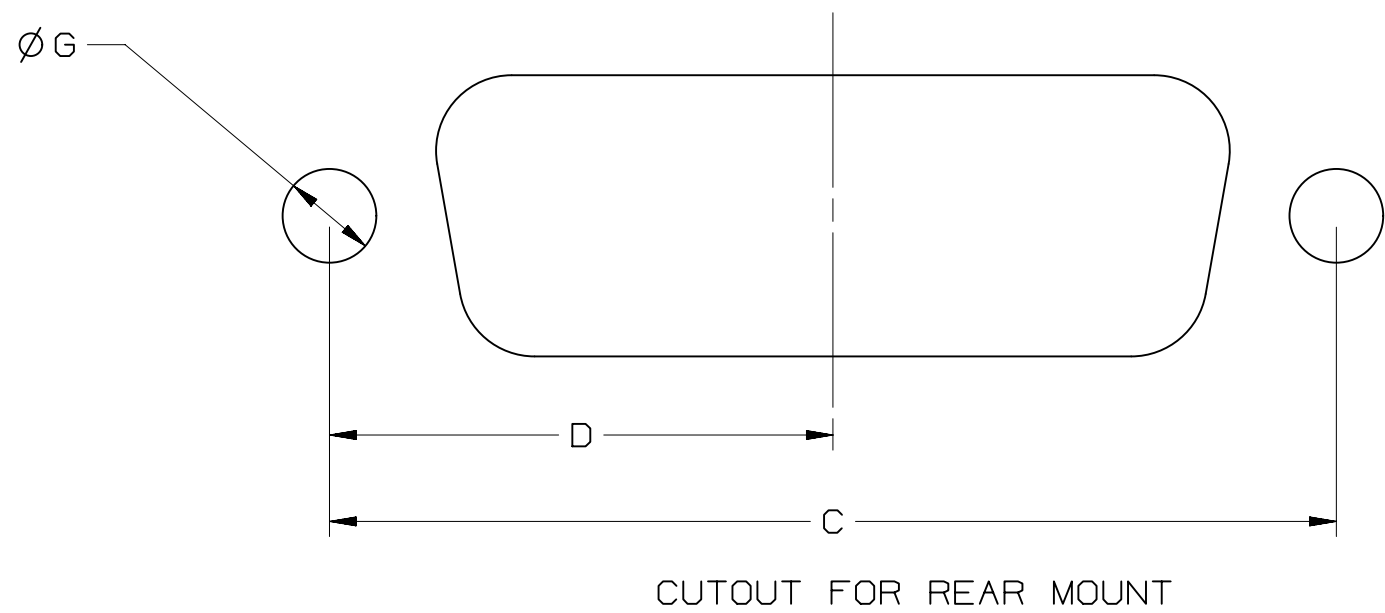
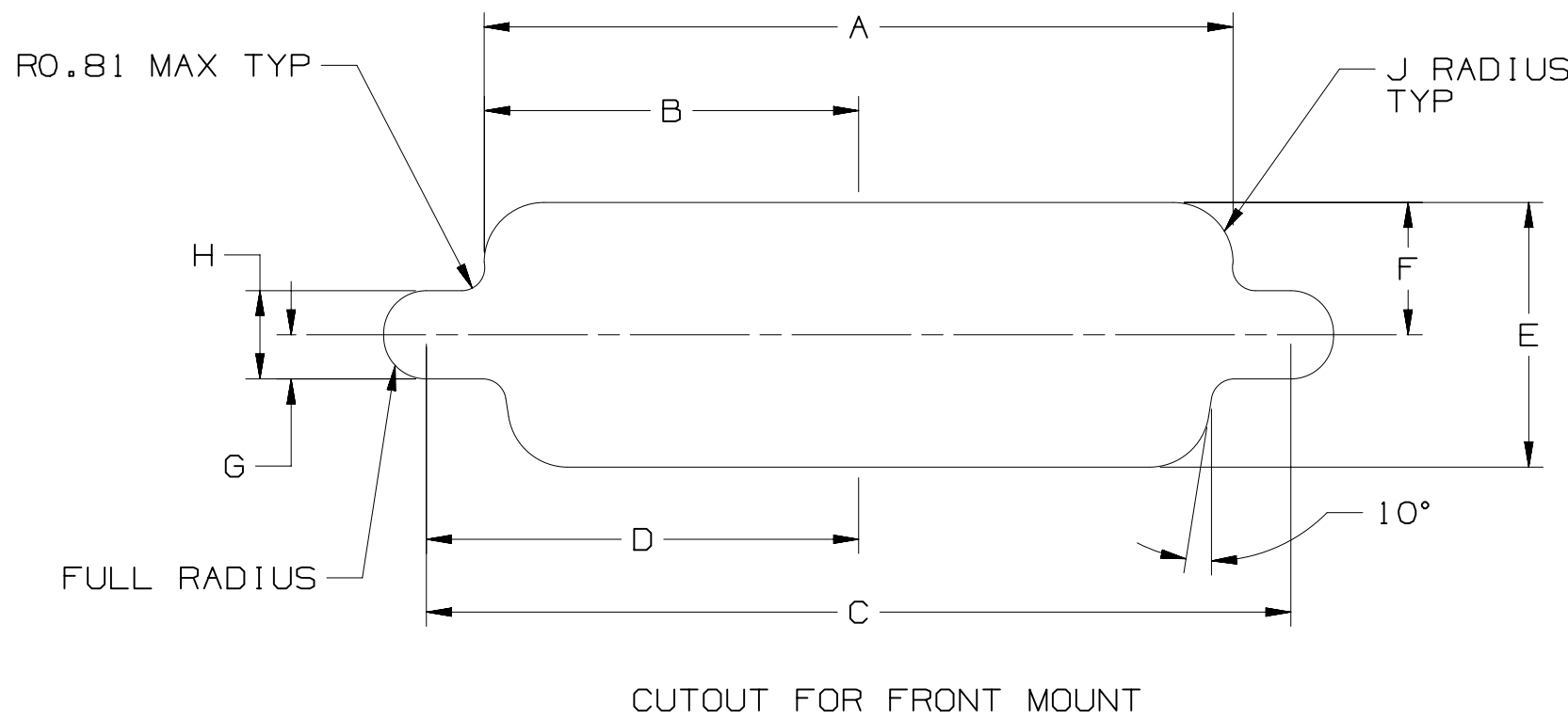
EMI
N - STANDARD
E - EMI

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
CAGE NUMBER		SIZE	DRAWING NO.	REV.	MODEL	
125		D	78-5100-2357-1	C	SHT 1 OF 2	

- 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)SOLDERTAIL
 - 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)

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		SJS	ARM
		A	34511	CHANGE MOHMS TO mOHMS, UPDATE ROHS MAY 17, 2011		SJS	ARM
				MAY 17, 2011		SJS	ARM
DESIGN REFERENCE				NEXT ASSEMBLY			
REV	ECO	ISSUE DATE AND DESCRIPTION				DRFT	CHKD
DWG	SJS	DATE MAY 17, 2011				MFG	DATE
CHKD	ARM	DATE MAY 17, 2011				APPRVL	DATE
DIVISION		DIVISION CODE					
DO NOT SCALE DRAWING		SCALE 1 1		TOLERANCES EXCEPT AS NOTED			
THIRD ANGLE PROJECTION		INCHES		TITLE			
INTERPRET PER ASME Y14.5 - 1994		MILLIMETERS		8PXX-X00X D-SUB SOLDER CUP PLUG TS-2357			
MAX SURFACE ROUGHNESS 125		ANGLES ± 1 °		CAGE NUMBER		DRAWING NO.	
□ ALL SURFACES				D 78-5100-2357-1		C	
✓ MARKED ONLY				MODEL BP		DET. LISTS	
						YES ☒ NO	
						SHT 2 OF 2	

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[8P37-E002](#) [8P50-N001](#) [8P15-E001](#) [8P09-N002](#) [8P37-E001](#)