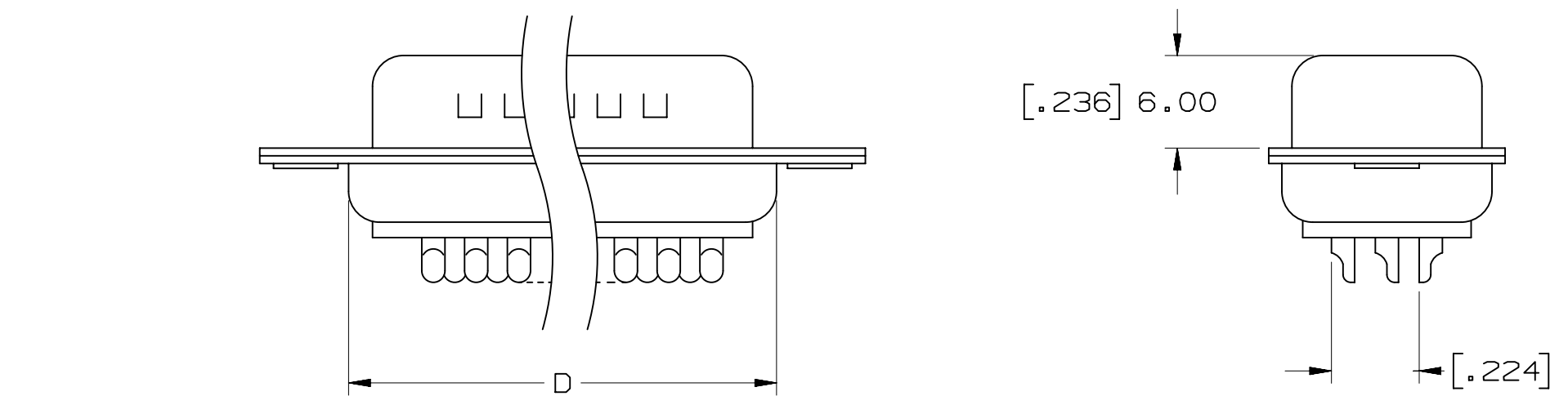
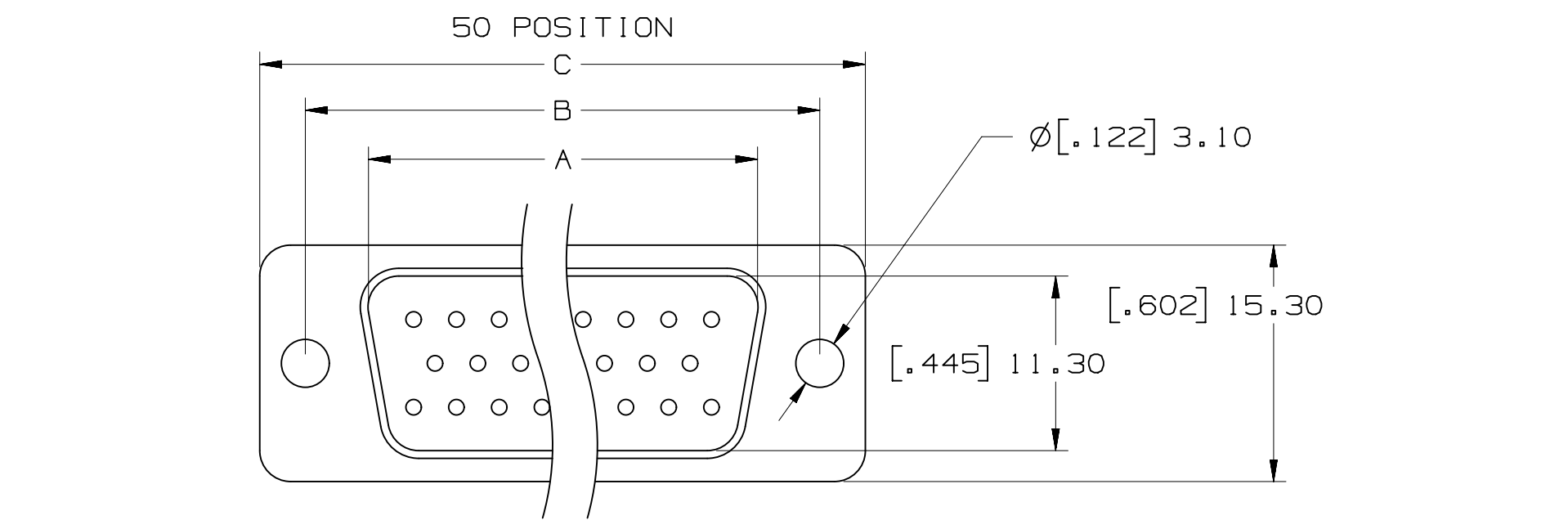
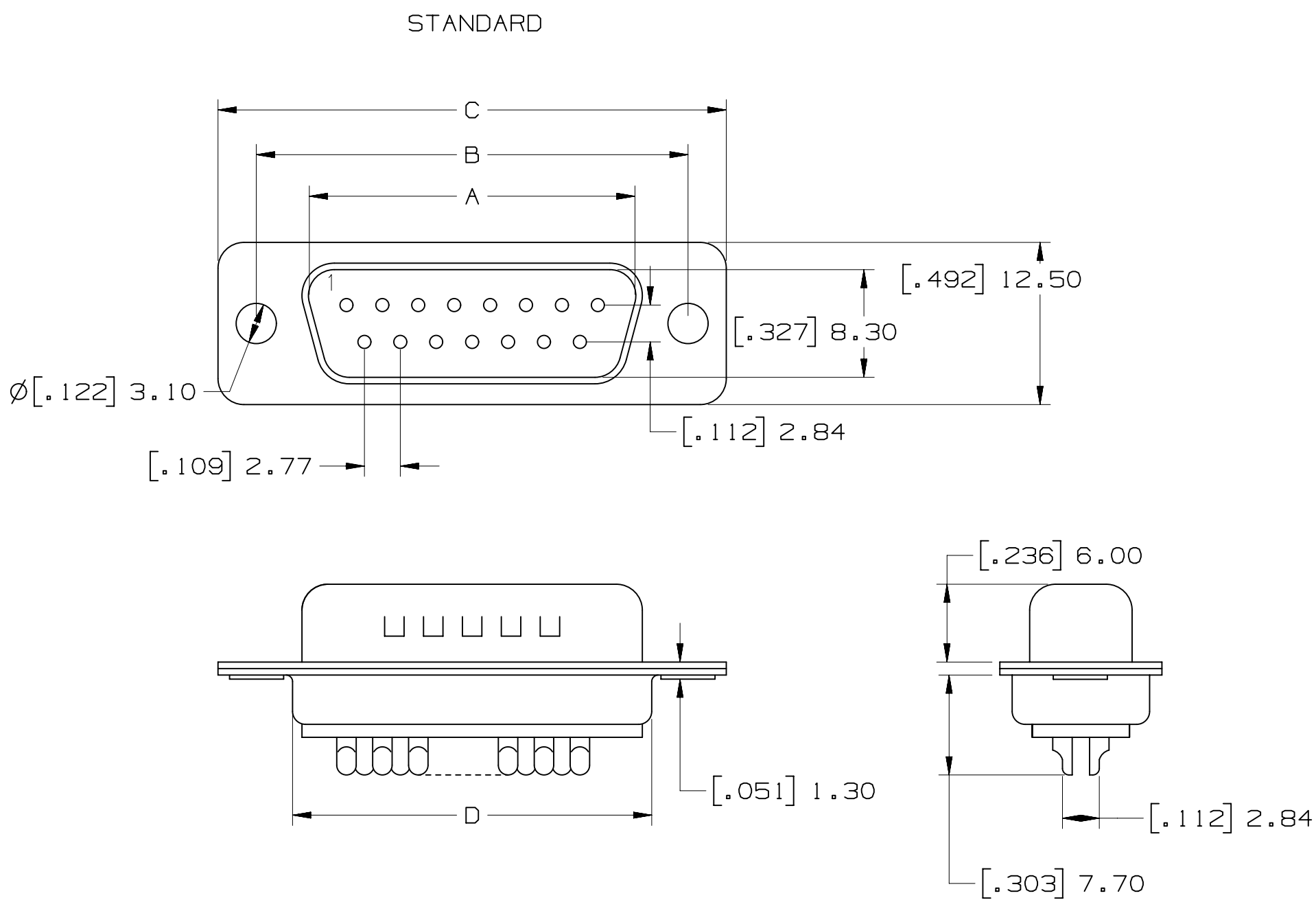
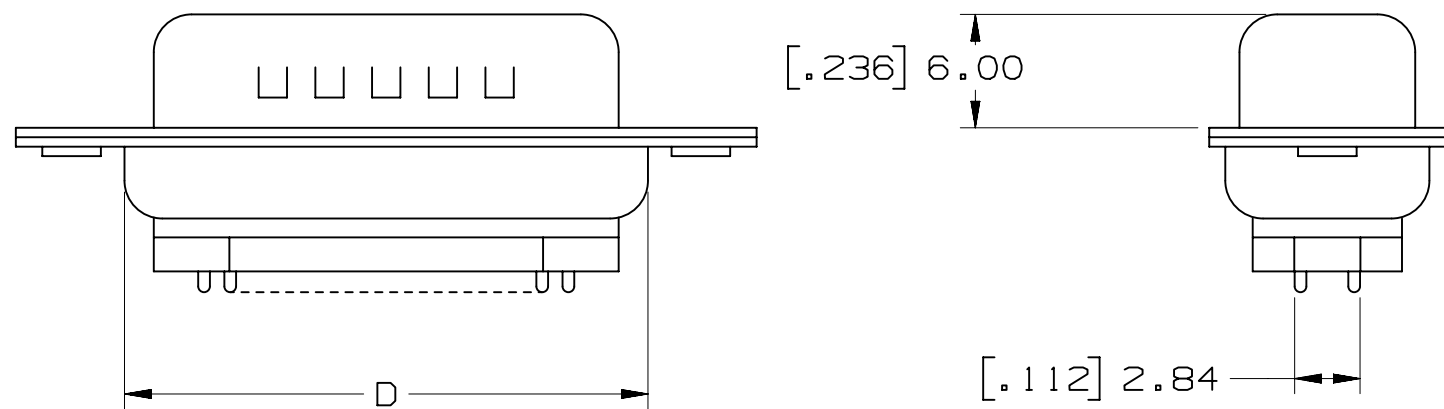
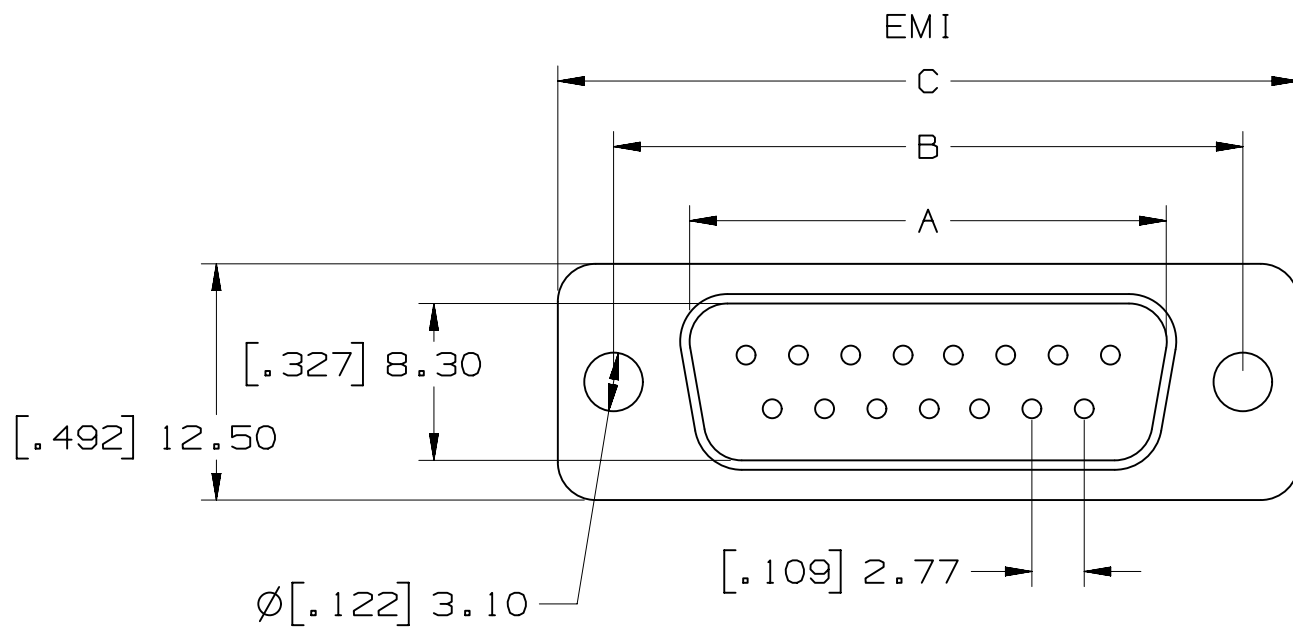


3M™ Solder Cup D Sub Plug, 8000 Series



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

NUMBER OF
CONTACTS
(SEE TABLE)

EMI
N - STANDARD
E - EMI

PLATING
1 - AU FLASH
2 - 30μ" AU

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.

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)

PERFORMANCE	
OPERATION VOLTAGE:	250VAX 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

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<http://www.3mconnectors.com>

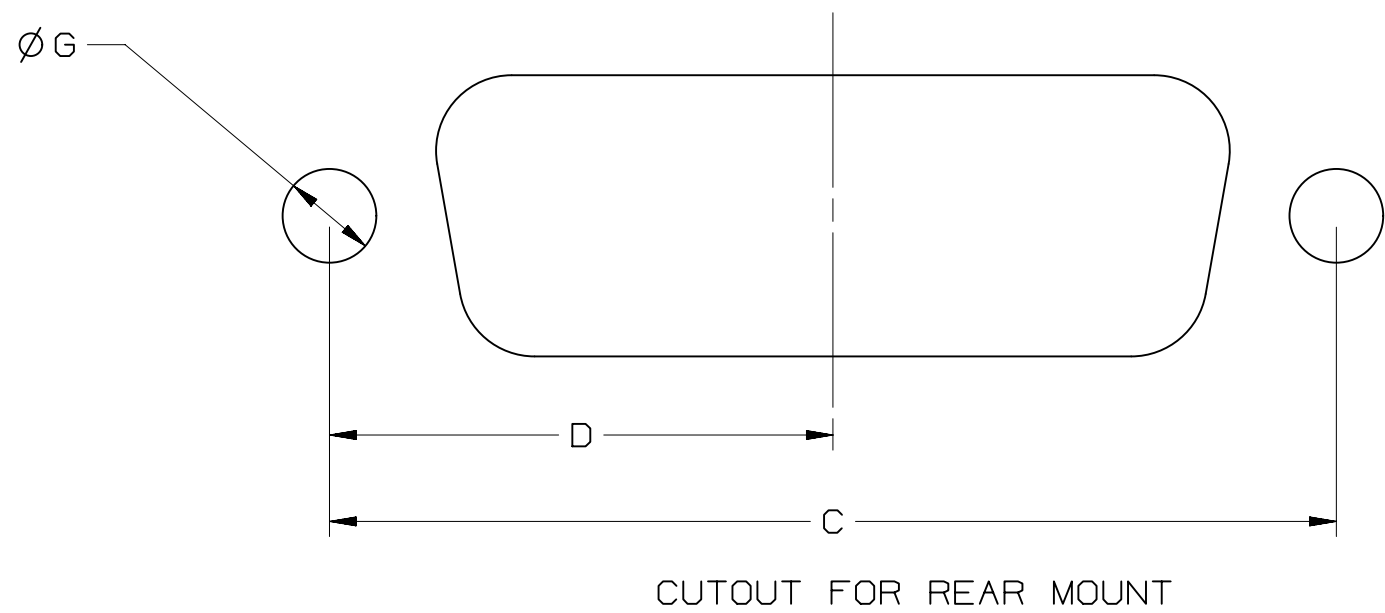
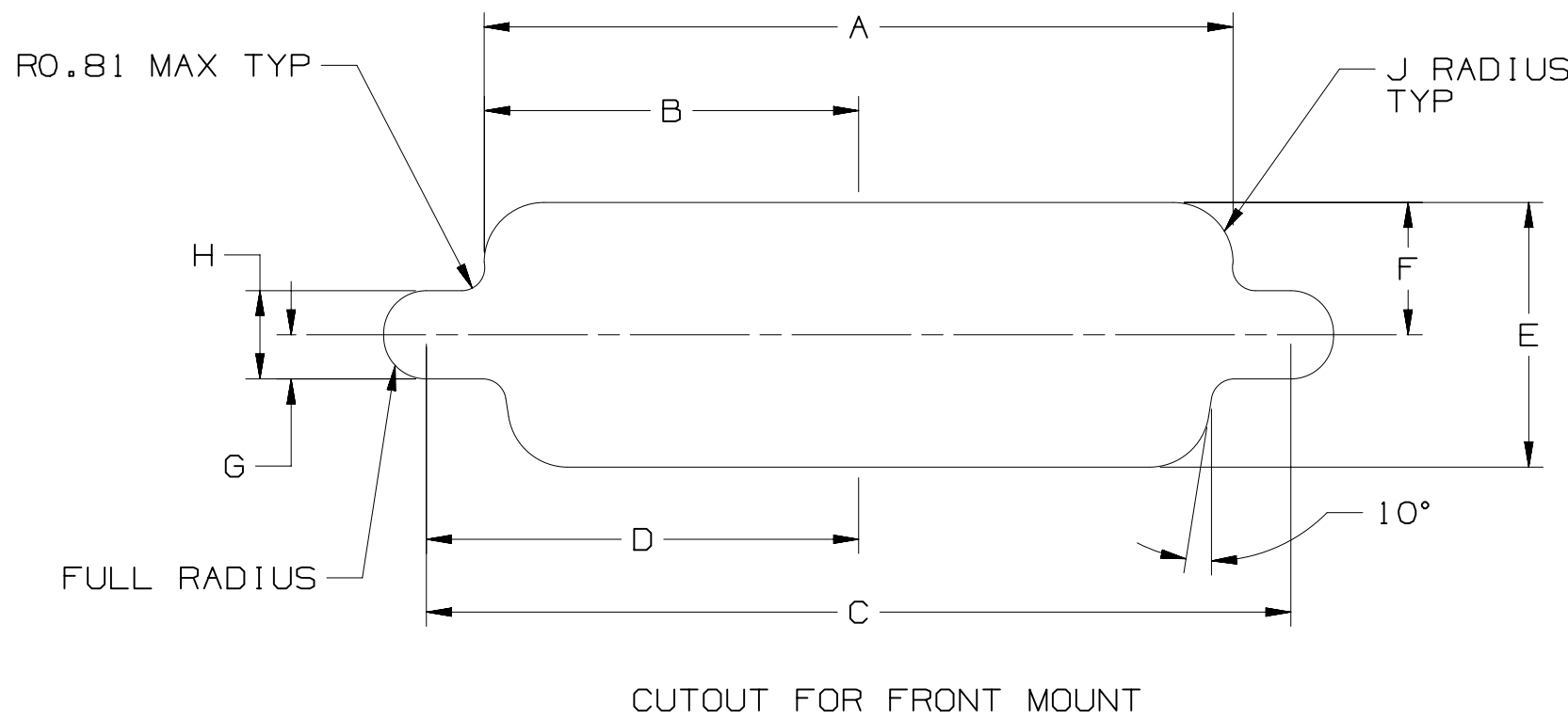
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INFORMATION, CALL 800-225-5373

DESIGN REFERENCE		NEXT ASSEMBLY		REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
DO NOT SCALE DRAWING	SCALE 1/1	TOLERANCES EXCEPT AS NOTED	INCHES	DO NOT SCALE DRAWING	SCALE 1/1	TOLERANCES EXCEPT AS NOTED	INCHES	DO NOT SCALE DRAWING	SCALE 1/1
THIRD ANGLE PROJECTION	INTERPRET PER ASME Y14.5 - 1994	MILLIMETERS	0 ± 1	THIRD ANGLE PROJECTION	INTERPRET PER ASME Y14.5 - 1994	MILLIMETERS	0 ± 1	THIRD ANGLE PROJECTION	INTERPRET PER ASME Y14.5 - 1994
MAX SURFACE ROUGHNESS	125/ ALL SURFACES	0.00 ± .05	0.000 ± .005	MAX SURFACE ROUGHNESS	125/ ALL SURFACES	0.00 ± .05	0.000 ± .005	MAX SURFACE ROUGHNESS	125/ ALL SURFACES
ANGLES	± 1°	ANGLES	± 1°	ANGLES	± 1°	ANGLES	± 1°	ANGLES	± 1°

CAGE NUMBER	SIZE	DRAWING NO.	REV.
D	125	78-5100-2357-1	C

MODEL 8P
DET. LISTS
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		35416		AUG 29, 2011		SJS		ARM	
		A		34511		MAY 17, 2011		SJS		ARM	
						MAY 17, 2011					
DESIGN REFERENCE				NEXT ASSEMBLY				REV		ECO	
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								DATE		MAY 17, 2011	
								MFG		DATE	
								CHKD		ARM	
								DATE		MAY 17, 2011	
								APPL		DATE	
DIVISION				DIVISION CODE							
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