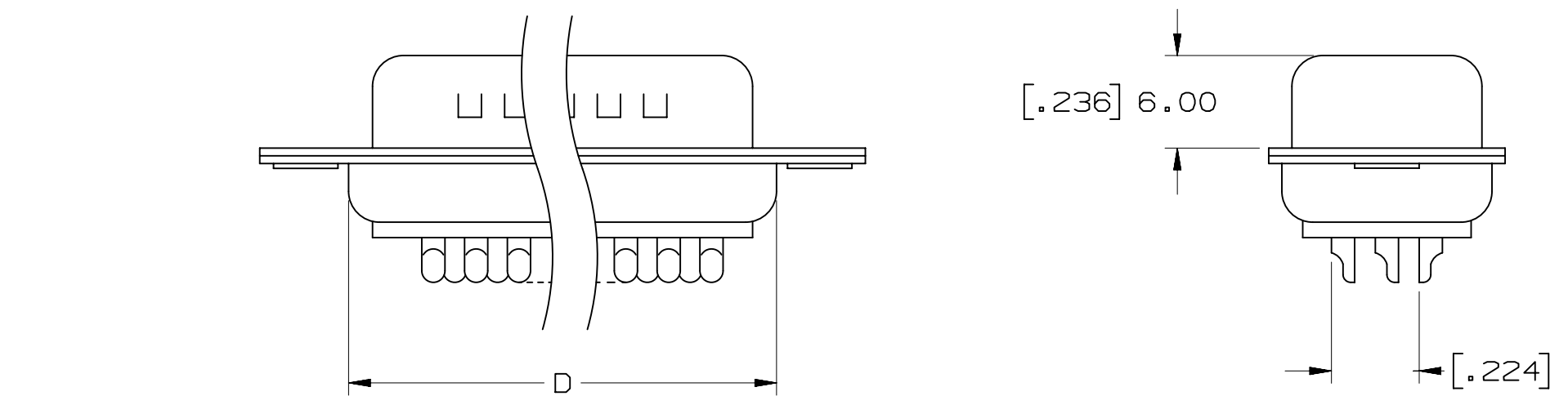
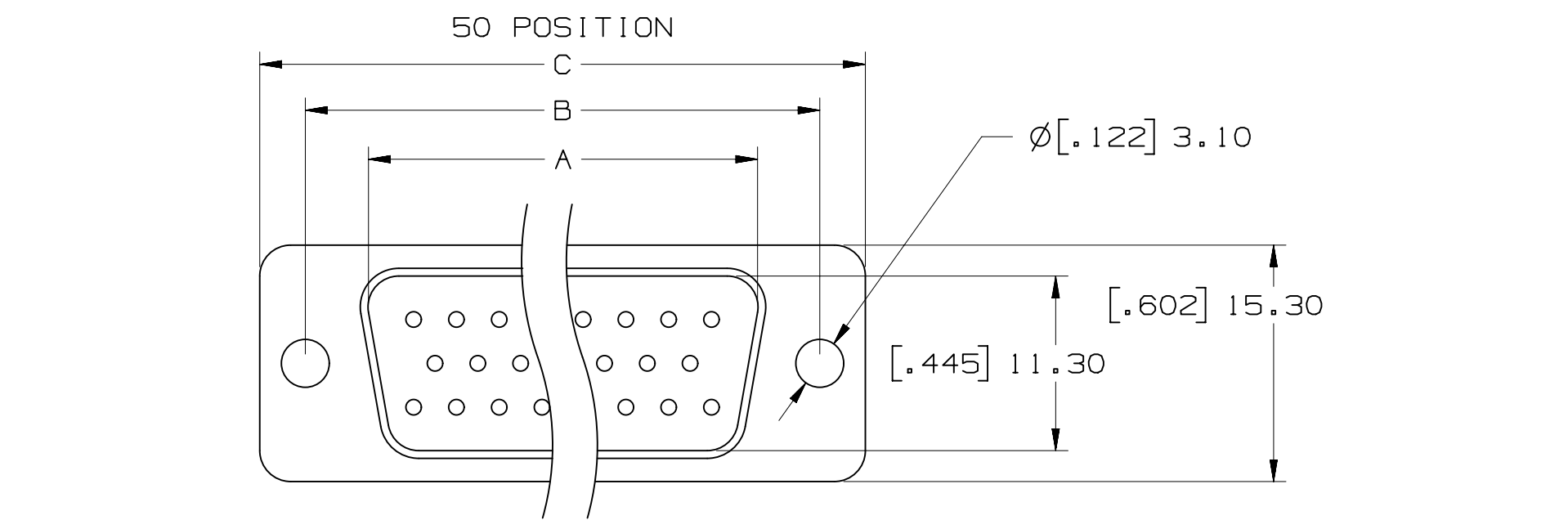
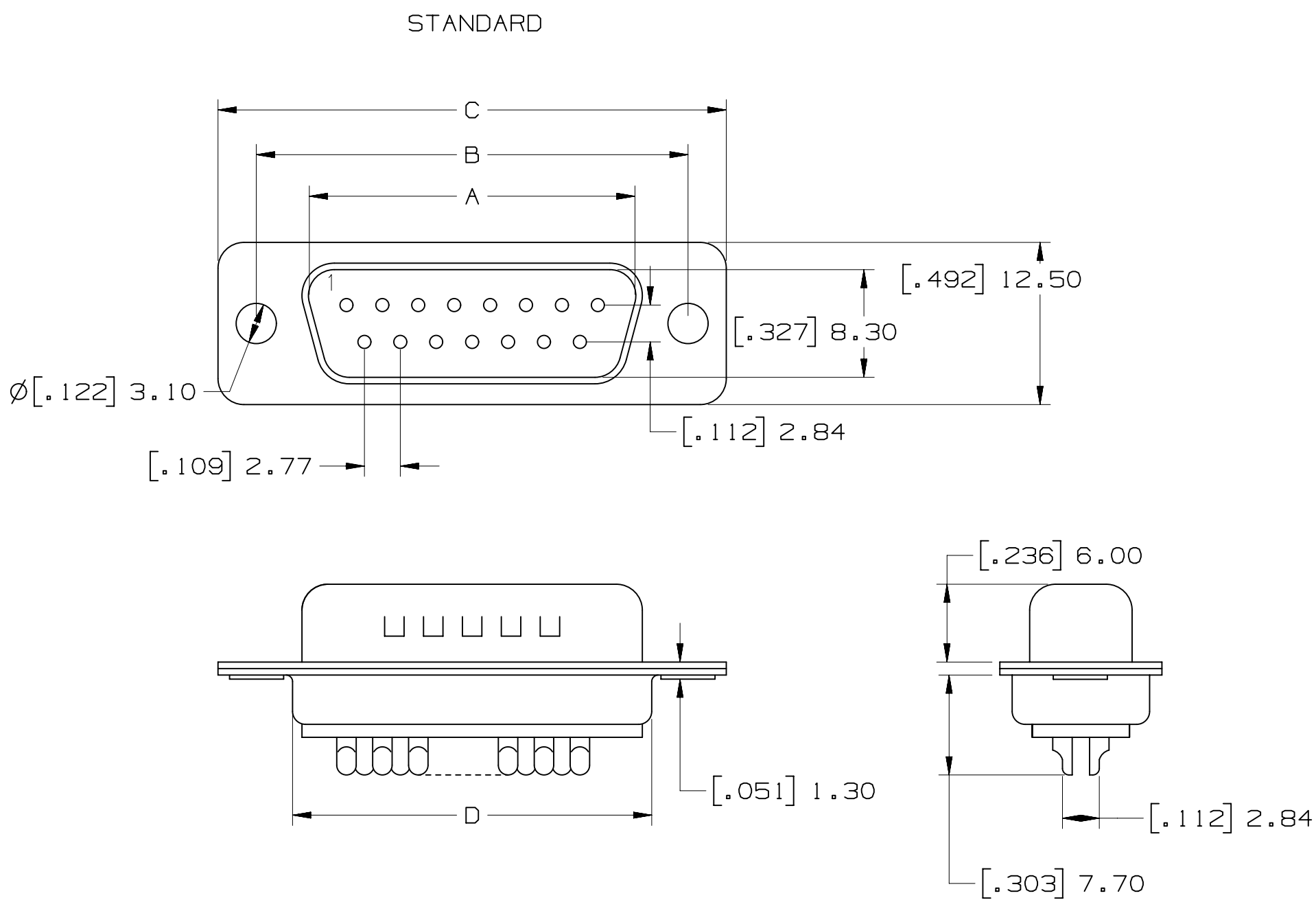
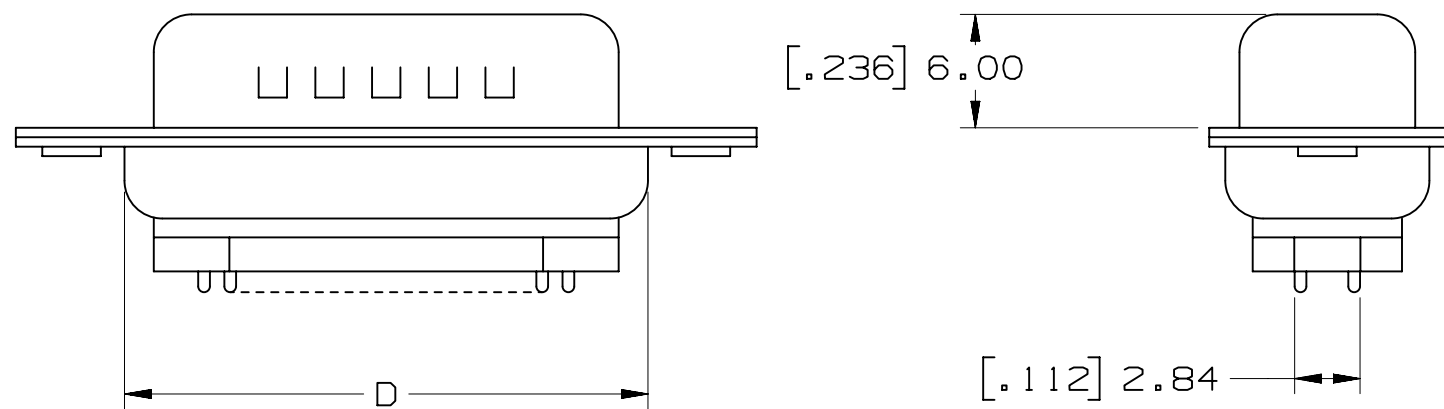
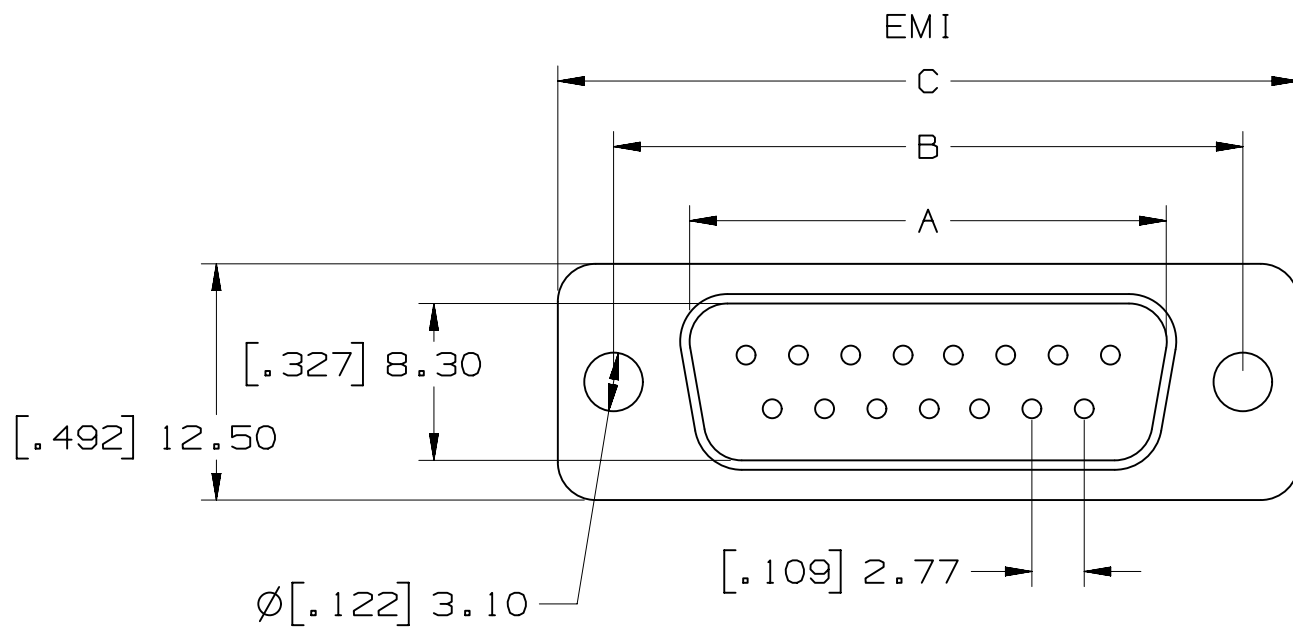


3M™ Solder Cup D Sub Plug, 8000 Series



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.

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	DET	SHT 1 OF 2
125	D	78-5100-2357-1	C	BP	125	1

NOTES

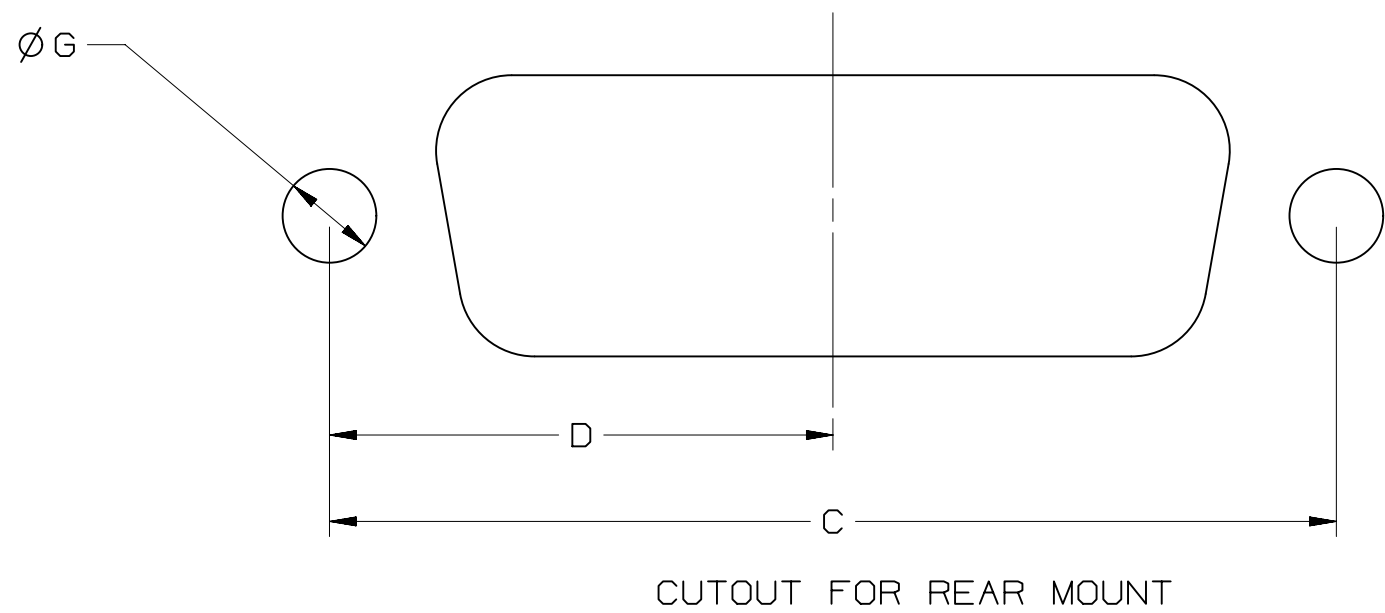
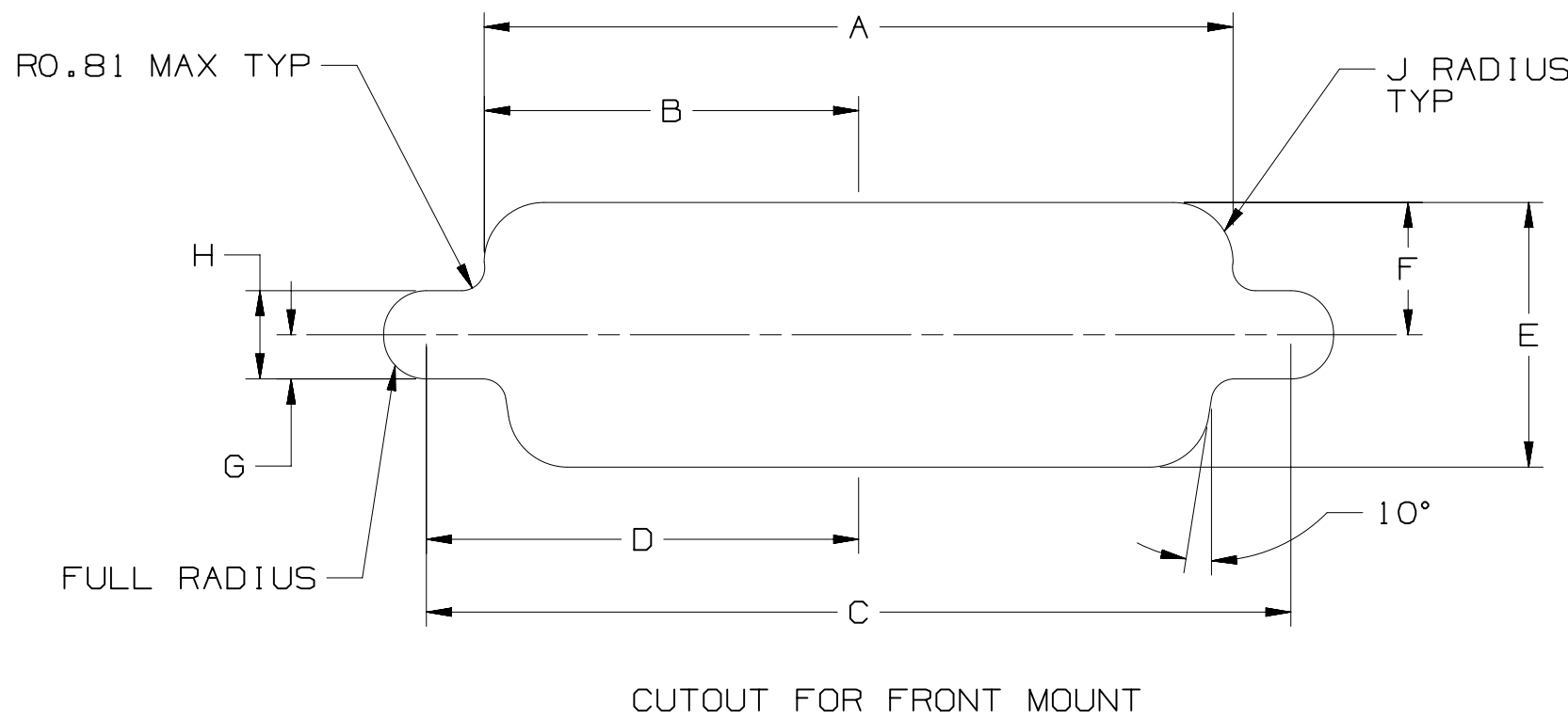
- MATERIAL: THERMAL PLASTIC UL94V-0
CONTACTS: COPPER ALLOY
SHELL: 63141 SPCC OR EQUIVALENT
- PLATING: 50μ" NICKEL UNDERPLATE
1μ" AU WIPING AREA
30μ" AU WIPING AREA
100-200μ" TIN (BRIGHT TIN) SOLDER TAIL
- MATES WITH: 8RXX-X00X
- SEE THE REGULATORY INFORMATION APPENDIX (RIA) IN "RoHS COMPLIANCE" SECTION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

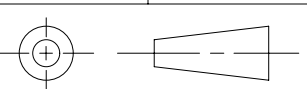
PERFORMANCE
OPERATION VOLTAGE: 250VAC MAX. CURRENT: 3A MAX. INSULATION RESISTANCE: 3000 MOhm MIN @ 500VDC WITHSTANDING VOLTAGE: 1000 VAC/ MIN TEMPERATURE RATING: -55°C to + 105°C CONTACT RESISTANCE: 15 mOhms MAX

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

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INFORMATION, CALL 800-225-5373

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				
REV		ECO	ISSUE DATE AND DESCRIPTION			DRFT	CHKD
SJS			DATE MAY 17, 2011			MFG	DATE
ARM			DATE MAY 17, 2011			APPL	DATE
DIVISION		DIVISION CODE					
DO NOT SCALE DRAWING		SCALE 1 1		TOLERANCES EXCEPT AS NOTED			
		INCHES					
THIRD ANGLE PROJECTION		MILLIMETERS		TITLE			
INTERPRET PER ASME Y14.5 - 1994		0 ± 1		8PXX-X00X D-SUB SOLDER CUP PLUG TS-2357			
MAX SURFACE ROUGHNESS 125/		0.00 ± .05		CAGE NUMBER			
□ ALL SURFACES MARKED ONLY		.0000 ± .005		D 78-5100-2357-1			
✓		ANGLES ± 1 °		REV. C			
				MODEL BP			
				DET. LISTS			
				YES ☒ NO			
				SHT 2 OF 2			

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