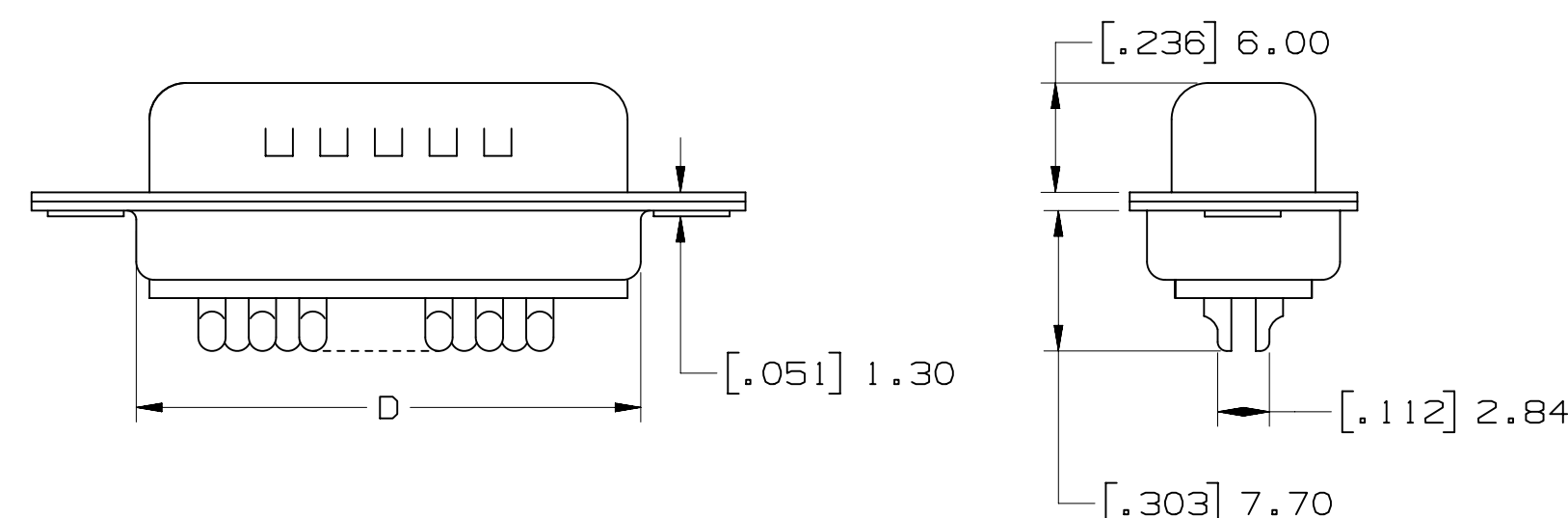
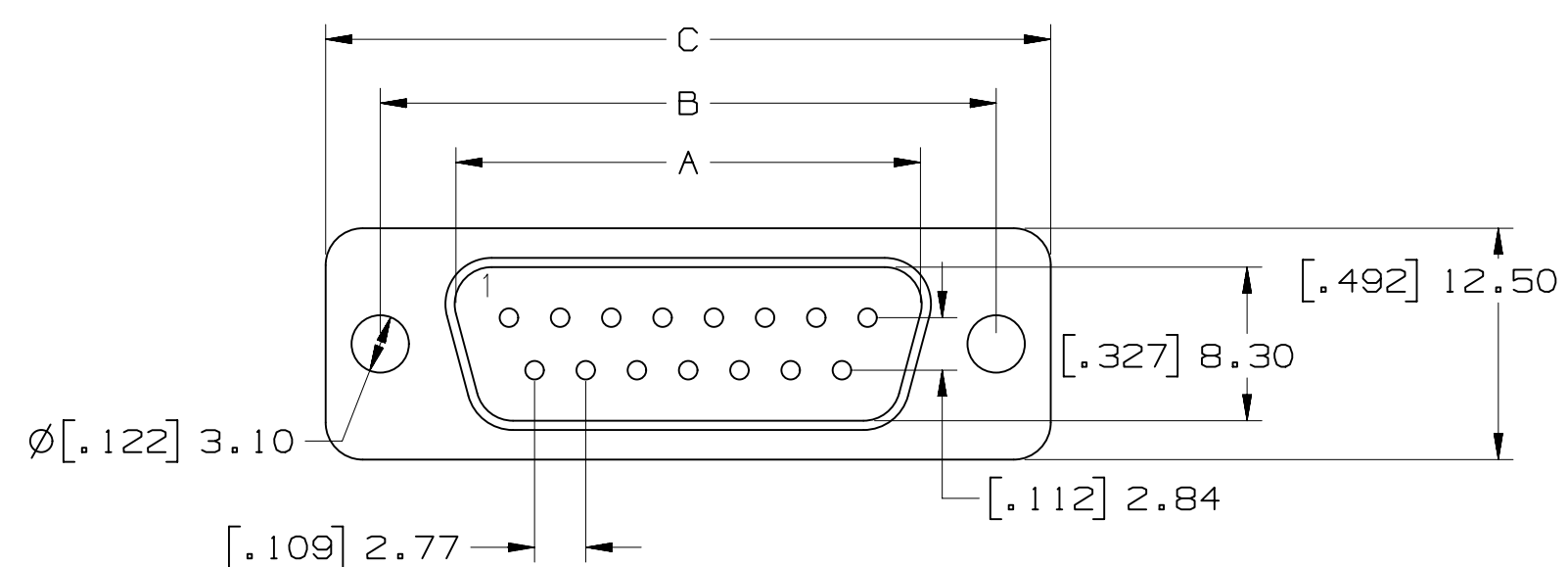


3M™ Solder Cup D Sub Plug, 8000 Series

STANDARD



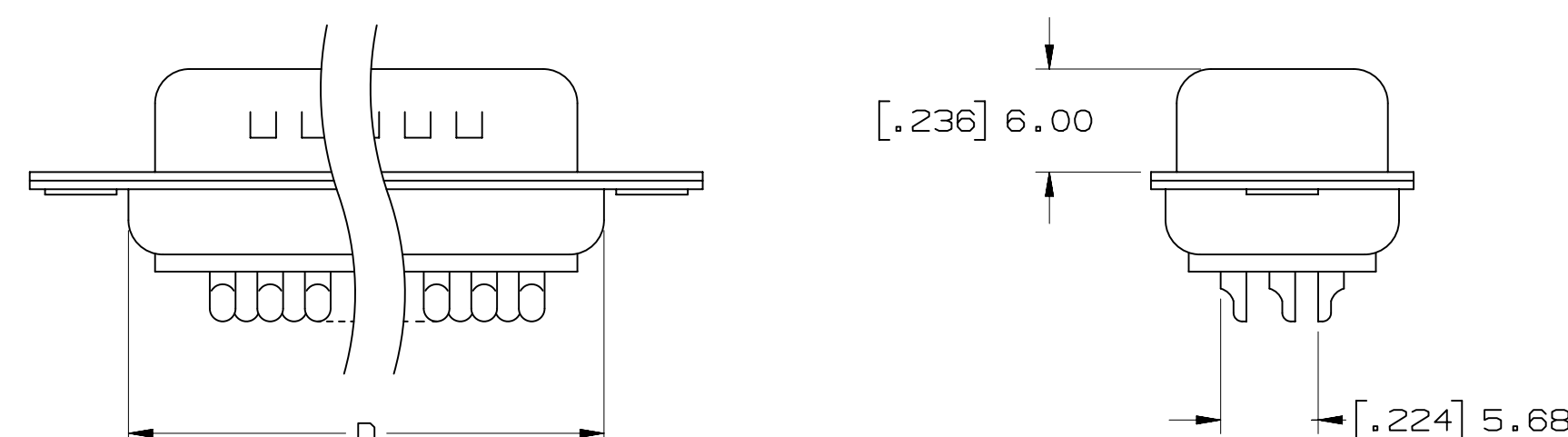
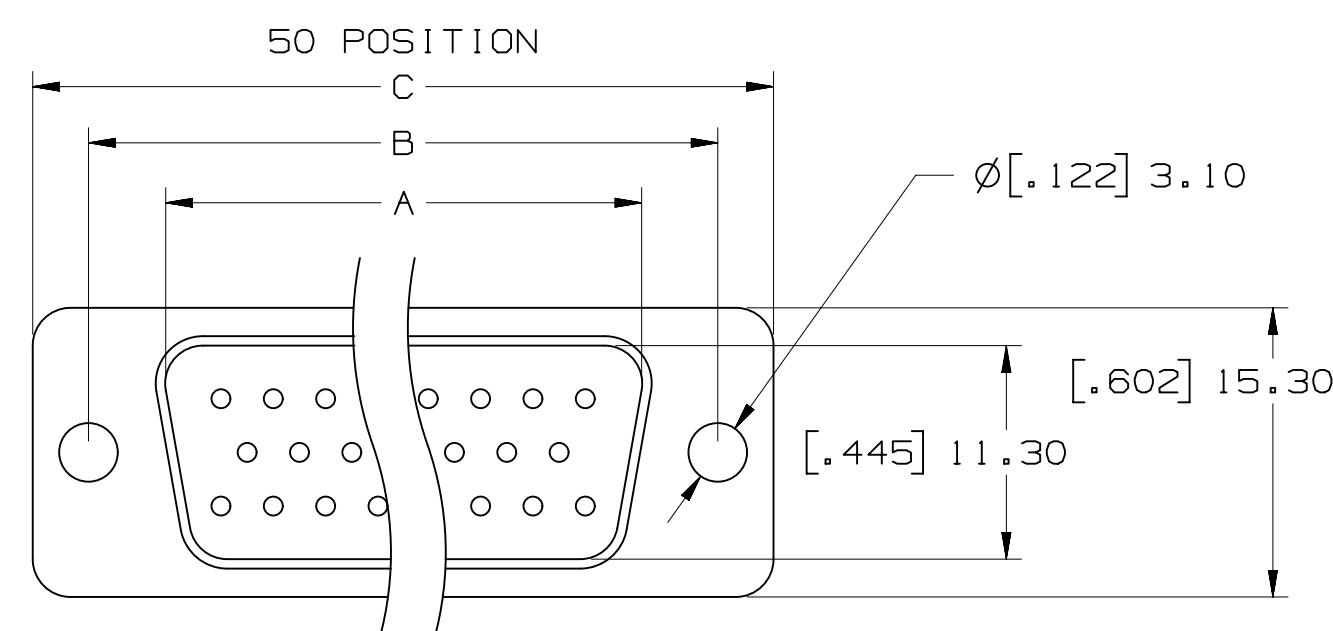
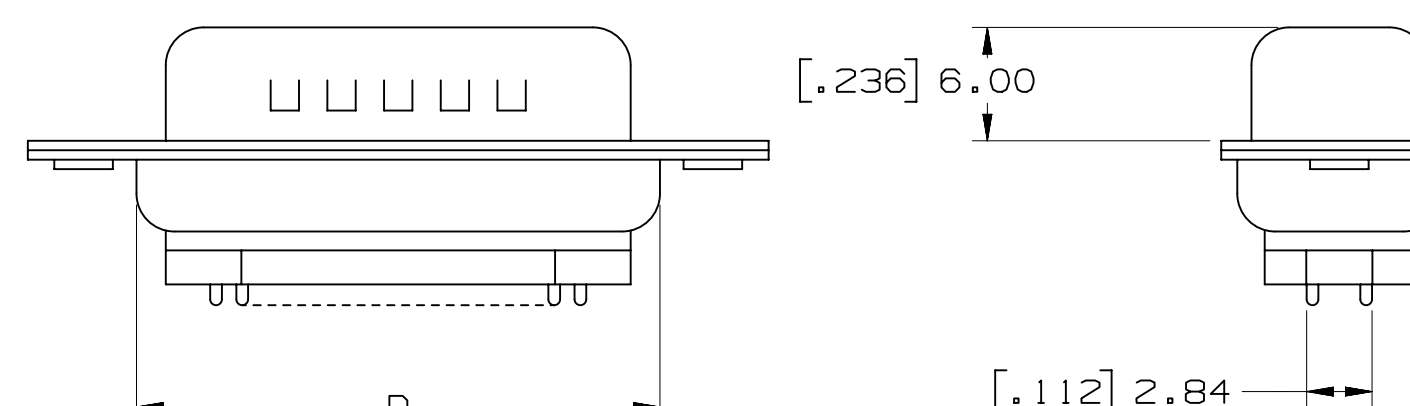
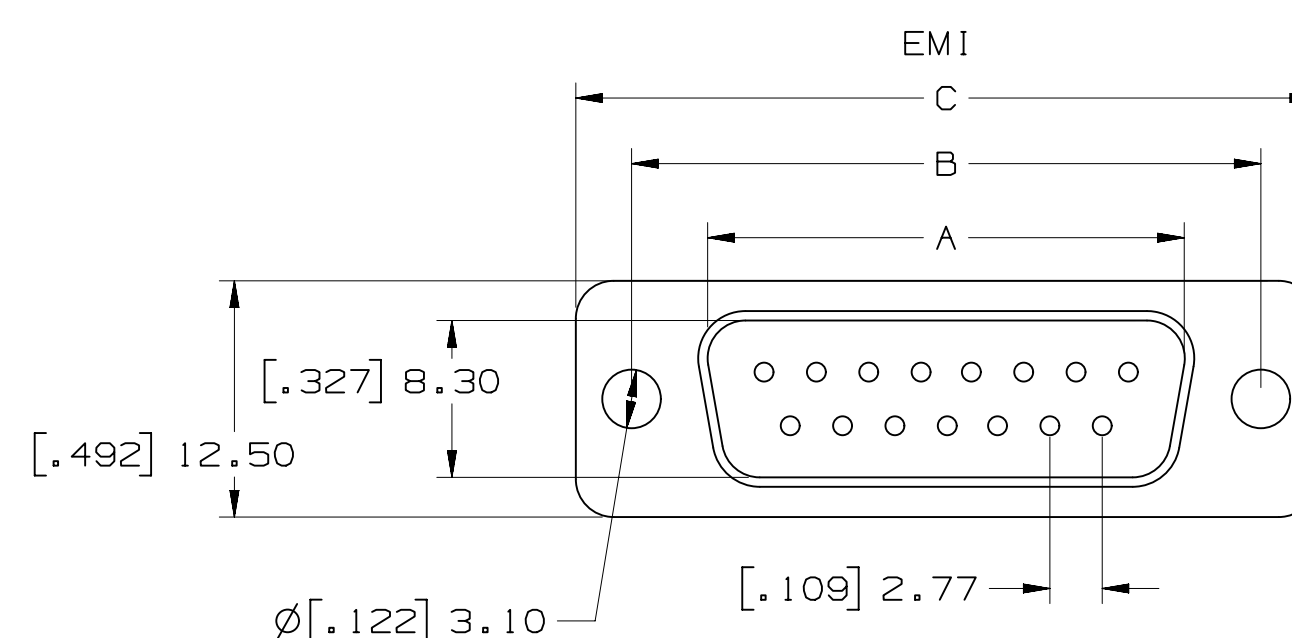
POSITION	A	B	C	D
09	[.67] 16.92	[.98] 25.0	[1.21] 30.8	[.76] 19.2
15	[.99] 25.25	[1.31] 33.3	[1.54] 39.2	[1.09] 27.7
25	[1.53] 38.96	[1.85] 47.1	[2.09] 53.1	[1.62] 41.1
37	[2.18] 55.42	[2.50] 63.5	[2.73] 69.4	[2.26] 57.3
50*	[2.08] 52.8	[2.4] 61.0	[2.64] 67.0	[2.17] 55.1

\*50 POSITION AVAILABLE IN STANDARD ONLY

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

NOTES

- MATERIAL:  
THERMAL PLASTIC UL94V-0  
CONTACTS:  
COPPER ALLOY  
SHELL:  
G3141 SPCC OR EQUIVALENT
- PLATING:  
50µ" NICKEL UNDERPLATE  
1µ" AU WIPING AREA  
30µ" AU WIPING AREA  
100-200µ" TIN(BRIGHT TIN)SOLDERTAIL
- 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)



8PXX-X00X

PLATING  
1 - AU FLASH  
2 - 30µ" AU

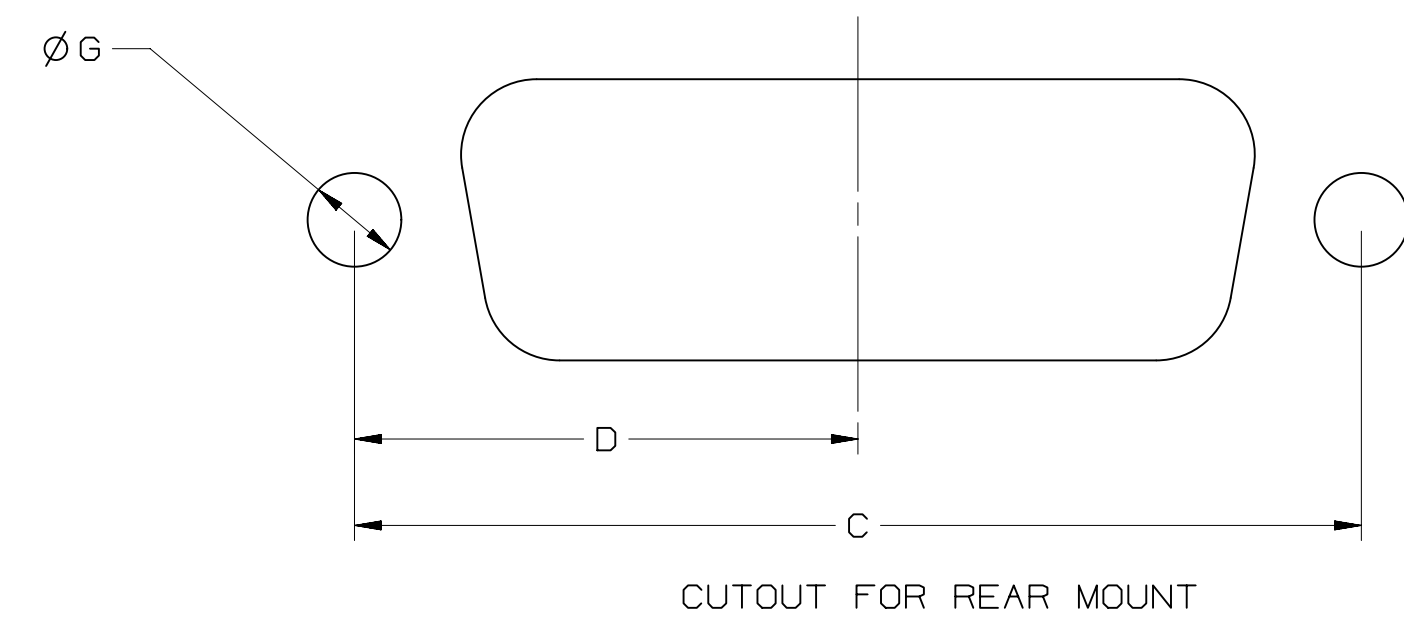
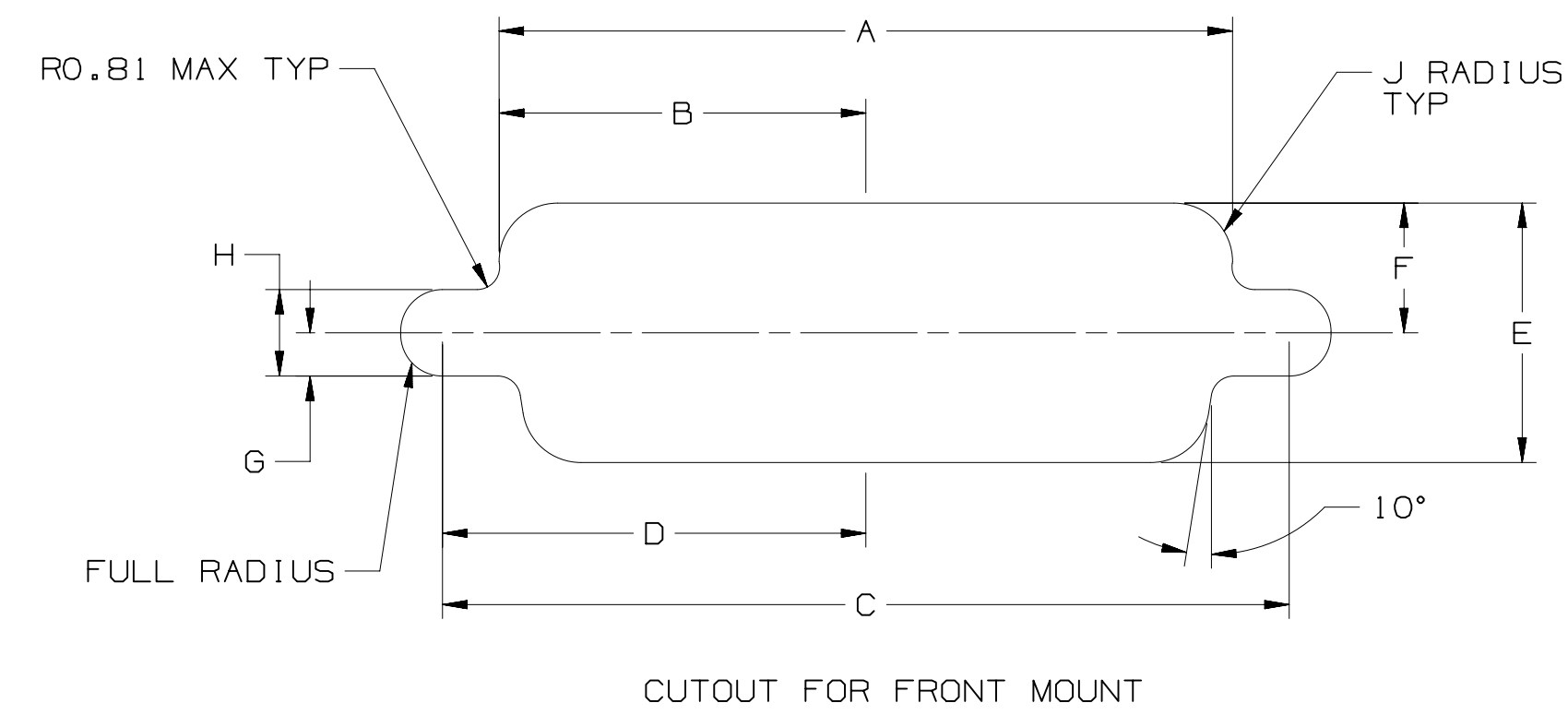
NUMBER OF CONTACTS (SEE TABLE)

EM1  
N - STANDARD  
E - EM1

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																															
<table border="1"> <tr> <th>DO NOT SCALE DRAWING</th> <th>SCALE</th> <th>TOLERANCES EXCEPT AS NOTED</th> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>1 1</td> <td>INCHES .00 .000 ±.0000</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td></td> <td>MILLIMETERS 0 ±.5 ±.05 ±.005</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td></td> <td>ANGLES ±1°</td> </tr> </table>		DO NOT SCALE DRAWING	SCALE	TOLERANCES EXCEPT AS NOTED	<input checked="" type="checkbox"/>	1 1	INCHES .00 .000 ±.0000	<input checked="" type="checkbox"/>		MILLIMETERS 0 ±.5 ±.05 ±.005	<input checked="" type="checkbox"/>		ANGLES ±1°	<table border="1"> <tr> <th>REV</th> <th>ECO</th> <th>ISSUE DATE AND DESCRIPTION</th> <th>DRFT</th> <th>CHKD</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD															
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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

DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
		SJS		MAY 17, 2011		
		ARM		MAY 17, 2011		
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DO NOT SCALE DRAWING	SCALE 1/1	<b>3M</b> Center St. Paul, MN 55144				
THIRD ANGLE PROJECTION	TOLERANCES EXCEPT AS NOTED	TITLES 8PXX-X00X D-SUB SOLDER CUP PLUG TS-2357				
INTERPRET PER ASME Y14.5 - 1994	INCHES	CAGE NUMBER D78-5100-2357-1 C				
MAX SURFACE ROUGHNESS	MILLIMETERS	MODEL BP				
125	0 ± .1	DET [ ] YES [X] NO SHT 2 OF 2				
[X] ALL SURFACES [X] MARKED ONLY	ANGLES ± 1°					

78-5100-2357-1  
DRAWING NUMBER

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