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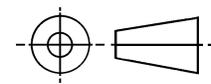
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THIRD ANGLE PROJECTION



ISSUED 2001-03

PREPARED BY SAE SUBCOMMITTEE AE-8C1



**AEROSPACE STANDARD**

CONTACTS, ELECTRICAL CONNECTOR, PIN, CRIMP REMOVABLE, (FOR MIL-C-5015 SERIES MS3450 AND MIL-C-83723 SERIES 2 CONNECTORS)

**AS39029/29**  
SHEET 1 OF 4

THE COMPLETE REQUIREMENTS FOR ACQUIRING THE CONTACTS DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION AND THE LATEST ISSUE OF MIL-C-39029.

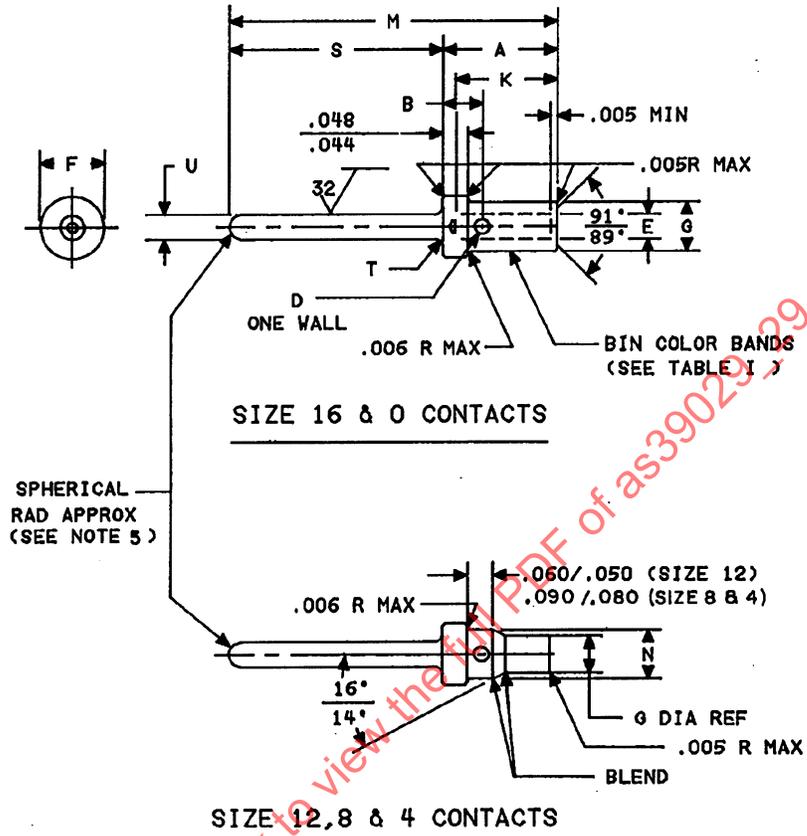


FIGURE 1. CONNECTOR CONTACT.

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BIN code	A	B	D DIA	E DIA	F DIA	G DIA	K MIN	M (REF)	N DIA	S	T MAX	U DIA
212				.068	.133 (3.38)	.103		.923 (23.44)	/	.631		.0635
	.300	.079	.042	.066	.130 (3.30)	.101				.619		.0615
213	.290	.073	.036	.102	.189 (4.80)	.150	.250	1.110 (28.19)	/			.095
				.098	.186 (4.72)	.147		.155		.015	.093	
214				.183	.306 (7.77)	.265			/	.277		.143
	.552	.094		.179	.303 (7.70)	.262	.485	1.362 (34.59)		.272	.819	
215	.542	.084	.072	.283	.417 (10.59)	.376			/	.389	.808	.226
				.068	.279 (10.52)	.373		.384			.224	
216	.678	.124		.455	.615 (15.62)	.564	.580	1.486 (37.74)	/		.065	.358
	.660	.084		.451	.611 (15.52)	.561						.356

**NOTES:**

1. Dimensions are in inches.
2. Metric equivalents are given for general information only and are based upon 1.00 inch = 25.4 mm.
3. Metric equivalents are in parentheses for overall length and diameter only.
4. Dimensions shown apply after plating.
5. Spherical end dimension shall conform to MIL-C-39029A.

FIGURE 1. CONNECTOR CONTACT - CONTINUED.

**REQUIREMENTS:**

Dimensions, design characteristics, and configuration: See figure 1 and table I.

Tools: See table II.

Vibration: Method 2005 of MIL-STD-1344, test condition VI, letter J, except the duration shall be 8 hours in the longitudinal direction and 8 hours in the perpendicular direction (16 hours total).

Shock (specified pulse): Method 2004 of MIL-STD-1344, test condition A.

Mating contact: MIL-C-39029/30.

QPL evaluating activity: Naval Avionics Center, Code D-714, Indianapolis, Indiana 46218.

International interest: NEPR 57.

Superseded military part numbers will be referenced on unit package.

Military part numbers: See table III.