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REV.
C

AS39029™/86

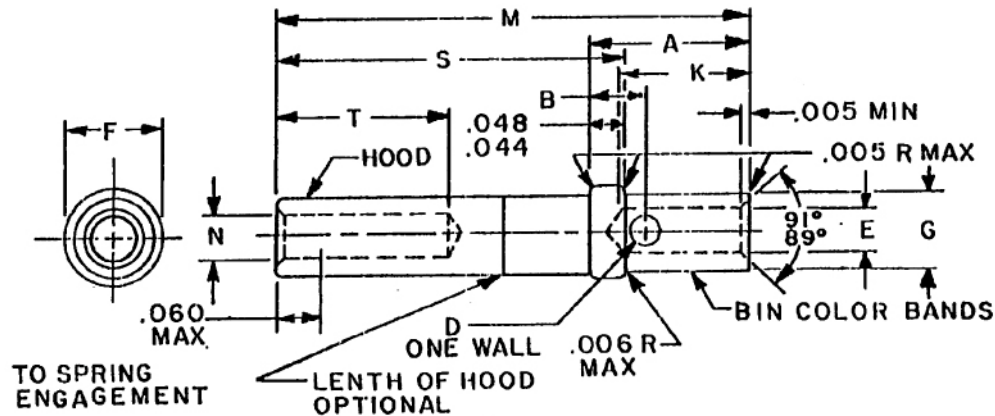
FEDERAL SUPPLY CLASS
5999

RATIONALE

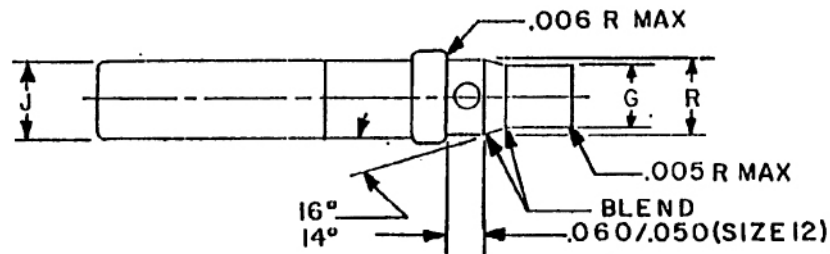
REVISION REQUIRED TO UPDATE THE TOOL TABLE, ESTABLISH QUALIFICATION TEST WIRE, AND CORRECT MINOR TECHNICAL ERRORS AS NEEDED.

NOTICE

THE COMPLETE REQUIREMENTS FOR PROCURING THE PRODUCT DESCRIBED HEREIN SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF AS39029.



Size 16S - 16 Bin Codes 510 thru 513
Size 16 - 16 Bin Codes 462 thru 465

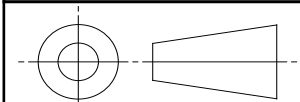


Size 12 - 12 Bin Codes 466 thru 469

FIGURE 1 - SOCKET CONTACT

For more information on this standard, visit
<https://www.sae.org/standards/content/AS39029/86C>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8C1

PROCUREMENT SPECIFICATION: AS39029



AEROSPACE STANDARD

CONTACTS, ELECTRICAL CONNECTOR, SOCKET, CRIMP
REMOVABLE, THERMOCOUPLE (FOR AS50151 AS34501
SERIES AND MIL-DTL-83723 SERIES II CONNECTORS)

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SHEET 1 OF 4

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Documents

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TABLE 1 - DIMENSIONS

BIN CODE	A	B	D DIA	E DIA	F DIA	G DIA	J DIA	K	M REF	N DIA	R	S	T
510 THRU 513				.068 (1.73)	.133 (3.38)	.103 (2.62)	.113 (2.87)		.911 (23.14)	.068 (1.72)	N/A	.666 (16.92) .656 (16.66)	.560 (14.22) .399 (10.13)
462 THRU 465	.300 (7.62) .290 (7.37)	.082 (2.08) .070 (1.78)	.042 (1.07) .036 (0.91)	.066 (1.68)	.130 (3.30)	.101 (2.57)	.106 (2.69)	.280 (7.11) .250 (6.35)		.065 (1.65)		.856 (21.74)	.560 (14.22) .430 (10.92)
466 THRU 469				.102 (2.59) .098 (2.49)	.189 (4.80) .186 (4.72)	.150 (3.81) .147 (3.73)	.161 (4.09) .154 (3.91)		1.101 (27.97)	.100 (2.54) .097 (2.46)	.160 (4.06) .155 (3.94)	.846 (21.49)	.710 (18.03) .587 (14.91)

TABLE 2 - DESIGN CHARACTERISTICS

BIN CODE	COLOR BANDS			MATING END SIZE	WIRE BARREL SIZE	TYPE	CLASS
	1ST	2ND	3RD				
510	GREEN	BROWN	BLACK	16S	16	SEE TABLE 4 FOR COMPOSITION	B
511	GREEN	BROWN	BROWN	16S	16		B
512	GREEN	BROWN	RED	16S	16		B
513	GREEN	BROWN	ORANGE	16S	16		B
462	YELLOW	BLUE	RED	16	16		B
463	YELLOW	BLUE	ORANGE	16	16		B
464	YELLOW	BLUE	YELLOW	16	16		B
465	YELLOW	BLUE	GREEN	16	16		B
466	YELLOW	BLUE	BLUE	12	12		B
467	YELLOW	BLUE	VIOLET	12	12		B
468	YELLOW	BLUE	GRAY	12	12		B
469	YELLOW	BLUE	WHITE	12	12		B

TABLE 3 - TOOLS

BIN CODE	BASIC CRIMPING TOOL	POSITIONER	INSTALLING TOOL	REMOVAL TOOL (WIRED)	REMOVAL TOOL (UNWIRED)
510 511 512 513	M22520/1-01	M22520/1-02 BLUE	M81969/8-207 M81969/14-03	M81969/8-208 M81969/14-03	M81969/30-06
462 463 464 465	M22520/7-01	M22520/7-03			
466 467 468 469	M22520/1-01	M22520/1-02 YELLOW			



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