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REV.
C

AS39029™/30

FEDERAL SUPPLY CLASS
5999

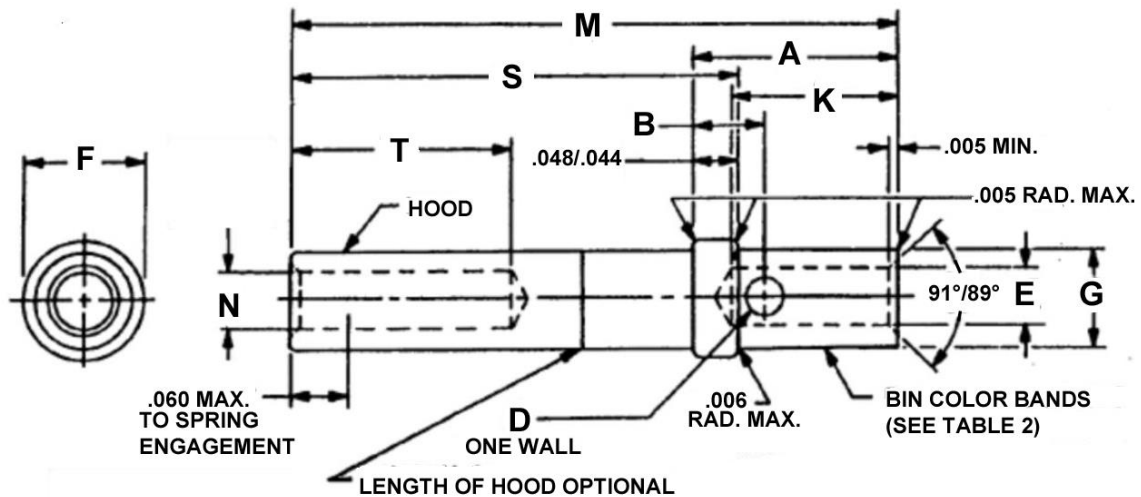
RATIONALE

REVISION IS REQUIRED TO CORRECT THE TOOL PART NUMBERS IN TABLE 4, TO INCLUDE ADDITIONAL TOOL PART NUMBERS AND TO ADD THE AS39029 BASE SPECIFICATION EXCEPTIONS APPLICABLE TO THIS DETAIL SHEET.

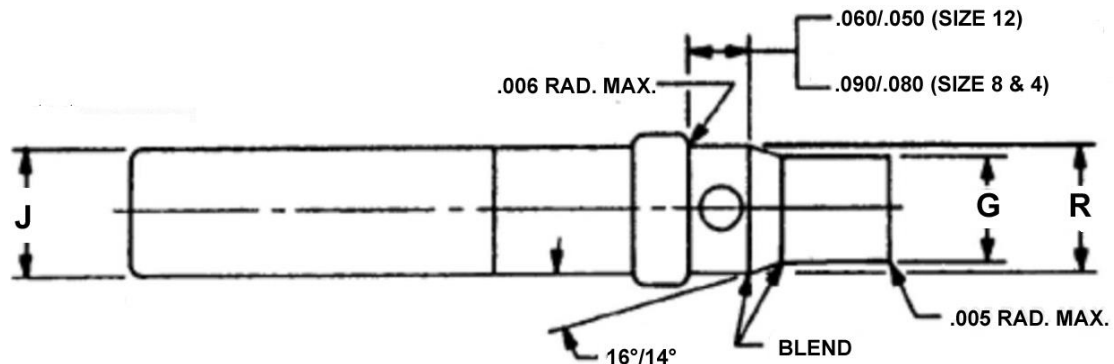
AS39029/30C HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

NOTICE

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



FOR CONTACT SOCKET SIZES 16, 16S, 0 AND ALL WIRE BARREL SIZES

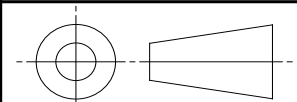


FOR CONTACT SOCKET SIZES 12, 8, AND 4

FIGURE 1 - AS39029/30 SOCKET CONTACT

For more information on this standard, visit
<https://www.sae.org/standards/content/AS39029/30C/>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8/AE-8C1

PROCUREMENT SPECIFICATION: AS39029



AEROSPACE STANDARD

CONTACTS, ELECTRICAL CONNECTOR, SOCKET,
CRIMP REMOVABLE (FOR AS50151 AS345XX SERIES
AND MIL-DTL-83723 SERIES II CONNECTORS)

AS39029™/30
SHEET 1 OF 4

REV.
C

Documents

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TABLE 1 - FIGURE 1 METRIC EQUIVALENTS

INCH	MM	INCH	MM	INCH	MM	INCH	MM
.005	0.127	.044	1.12	.050	1.27	.080	2.03
.006	0.152	.048	1.22	.060	1.52	.090	2.29

FIGURE 1 - AS39029/30 SOCKET CONTACT (CONTINUED - METRIC EQUIVALENTS)

TABLE 2 - CONTACT DIMENSIONS

BIN CODE	A	B	D DIA	E DIA	F DIA	G DIA	J MAX DIA	K MIN	M (REF)	N DIA	R	S	T MIN
217	.300 (7.62) .290 (7.37)	.079 (2.01) .073 (1.85)	.042 (1.07) .036 (.914)	.068 (1.73) .066 (1.68)	.133 (3.38) .130 (3.30)	.103 (2.62) .101 (2.57)	.113 (2.87) .161 (4.09)	.250 (6.35)	.911 (23.14)	.064 (1.63) <u>1/</u>	N/A	.666 (16.92) .656 (16.66)	.399 (10.13)
218				1.101 (27.97)	.160 (4.06) .155 (3.94)	.856 (21.74) .846 (21.49)			.430 (10.92)				
219													
220	.552 (14.02) .542 (13.77)	.094 (2.39) .084 (2.13)	.072 (1.83) .068 (1.73)	.183 (4.65) .179 (4.55)	.306 (7.77) .303 (7.70)	.265 (6.73) .262 (6.65)	.257 (6.53) .336 (8.53)	.485 (12.32)	1.342 (34.09)	.157 (3.99) .145 (3.68)	.277 (7.04) .272 (6.91)	.849 (21.56) .833 (21.16)	.587 (14.91)
221				.283 (7.19) .279 (7.09)	.417 (10.59) .414 (10.52)	.376 (9.55) .373 (9.47)				.240 (6.10) .228 (5.79)	.389 (9.88) .384 (9.75)		
222				.678 (17.22) .668 (16.97)	.124 (3.15) .084 (2.13)	.455 (11.56) .451 (11.46)							

1/ MINIMUM DIAMETER ONLY.

TABLE 3 - MARKING AND DESIGN CHARACTERISTICS

BIN CODES	COLOR BANDS			MATING END SIZE	WIRE BARREL SIZE	TYPE	CLASS
	1ST	2ND	3RD				
217	RED	BROWN	VIOLET	16S	16	A	B
218	RED	BROWN	GRAY	16	16	A	B
219	RED	BROWN	WHITE	12	12	A	B
220	RED	RED	BLACK	8	8	A	B
221	RED	RED	BROWN	4	4	A	B
222	RED	RED	RED	0	0	A	B