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REV.
C

AS39029™/33

RATIONALE

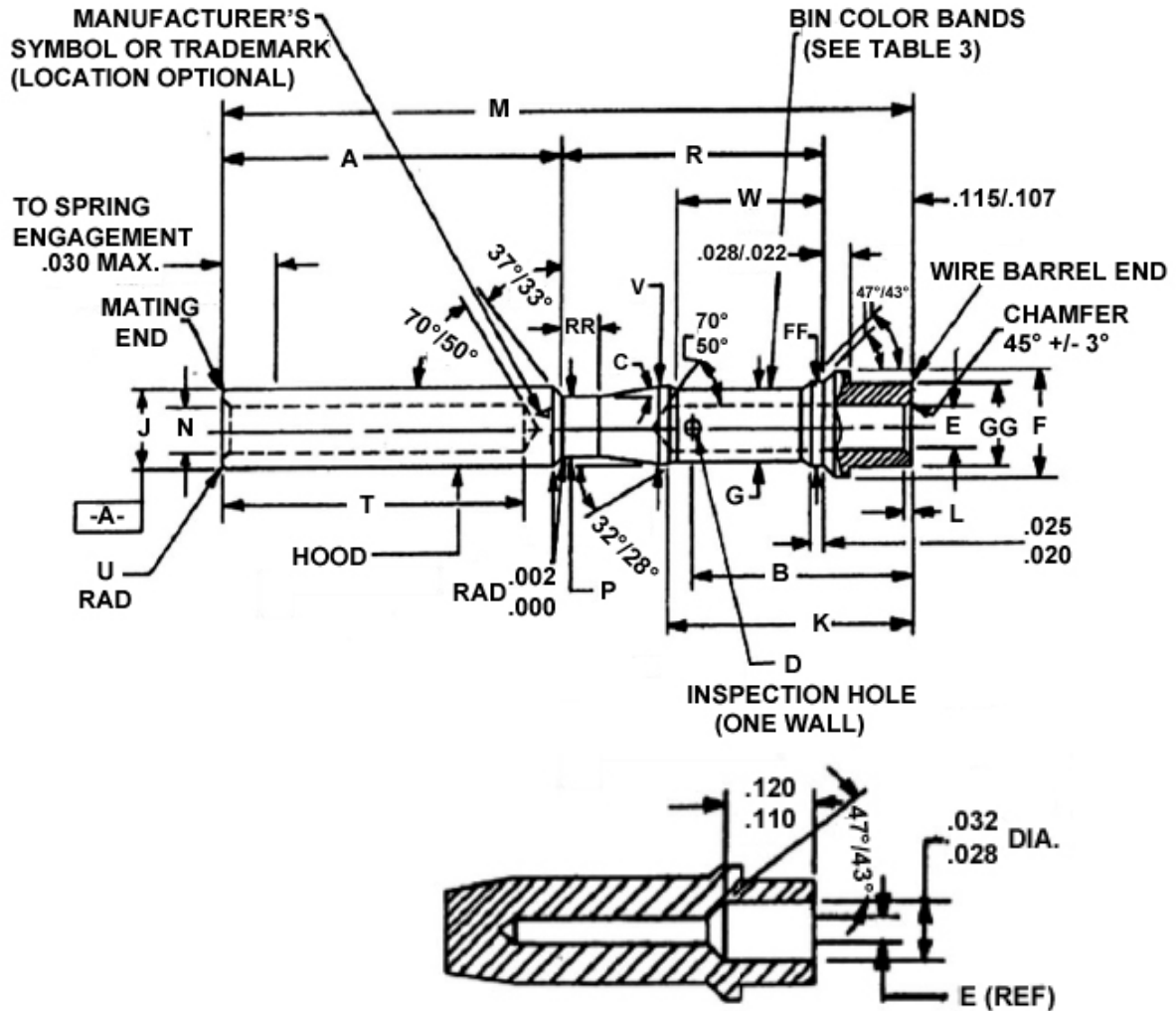
REVISION IS REQUIRED TO CORRECT INSTALLING TOOL PART NUMBER IN TABLE 4 FOR BIN 264 (M81969/2-02 SHOULD BE M81969/2-01) AND THE AS39029 BASE SPEC EXCEPTIONS SPECIFIC TO THIS DETAIL SHEET NEED TO BE ADDED.

AS39029/33C 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.

FEDERAL SUPPLY CLASS
5999



OPTIONAL WIRE BARREL FOR BIN CODE 262

FIGURE 1 - AS39029/33 SOCKET

For more information on this standard, visit
<https://www.sae.org/standards/content/AS39029/33C/>

CUSTODIAN: AE-8/AE-8C1

PROCUREMENT SPECIFICATION: AS39029



AEROSPACE STANDARD

(R) CONTACTS, ELECTRICAL CONNECTOR,
SOCKET, CIRMP REMOVABLE
(FOR AS81511 SERIES 1 CONNECTORS)

AS39029™/33
SHEET 1 OF 4

REV.
C

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TABLE 1 – FIGURE 1 METRIC EQUIVALENTS

INCHES	MM	INCHES	MM	INCHES	MM
.002	0.051	.028	0.711	.110	2.79
.020	0.508	.030	0.762	.115	2.92
.022	0.559	.032	0.813	.120	3.05
.025	0.635	.107	2.72		

TABLE 2 - CONTACT DIMENSIONS

BIN CODE	A	B	C (DEG)	D DIA	E DIA	F DIA	FF DIA	G DIA	GG DIA	J DIA	K
262	.686 (17.42) .674 (17.12)	.201 (5.11) .190 (4.83)	8° 7°	.022 (0.559) .018 (0.457)	.020 (0.508) .018 (0.457) .037 (0.940) .035 (0.889)	.064 (1.63) .062 (1.57)	N/A	.0545 (1.38) .052 (1.32)	.050 (1.27) .048 (1.22)	.051 (1.30) .049 (1.24)	.235 (5.97) .215 (5.46)
264											
266		.252 (6.40) .241 (6.12)	11° 10°	.032 (0.813) .026 (0.660)	.050 (1.27) .048 (1.22) .068 (1.73) .066 (1.68)	.103 (2.62) .100 (2.54)		.078 (1.98) .075 (1.91)	.078 (1.98) .076 (1.93)	.078 (1.98) .076 (1.93)	.276 (7.01) .256 (6.50)
268		.257 (6.53) .246 (6.25)			.133 (3.38) .130 (3.30)	.113 (2.87) .110 (2.79)		.105 (2.67) .101 (2.57)	.103 (2.62) .101 (2.57)	.113 (2.87) .110 (2.79)	.286 (7.26) .266 (6.76)
270					.102 (2.59) .098 (2.49)	.190 (4.83) .187 (4.75)		.152 (3.86) .148 (3.76)	.158 (4.01) .155 (3.94)	.161 (4.09) .158 (4.01)	.296 (7.52) .276 (7.01)

TABLE 2 - CONTACT DIMENSIONS (CONTINUED)

BIN CODE	L	M REF	N MIN DIA ONLY	P DIA	R	RR MIN	T	U RAD	V DIA	W	APPROX WEIGHT (LB)
262	.006 (0.15) .003 (0.08)	1.043 (26.49)	.028 (0.71)	.039 (0.99) .036 (0.91)	.254 (6.45) .249 (6.32)	.030 (0.76)	.220 (5.59) .170 (4.32)	.006 (0.15) .004 (0.10)	N/A	N/A	.00055
264											
266		1.048 (26.62)	.0415 (1.05)	.065 (1.65) .062 (1.57)	.259 (6.58) .254 (6.45)		.320 (8.13) .270 (6.86)	.009 (0.23) .007 (0.18)	.0805 (2.04) .078 (1.98)	.120 (3.05) .114 (2.90)	.00107
268				.064 (1.63)				.099 (2.51) .096 (2.44)	.012 (0.30) .009 (0.23)	N/A	N/A
270			.010 (0.25) .005 (0.13)				.0955 (2.43)	.145 (3.68) .142 (3.61)			

TABLE 3 - MARKING AND DESIGN CHARACTERISTICS

BIN CODES	COLOR BANDS			MATING END SIZE	WIRE BARREL SIZE	TYPE	CLASS
	1ST	2ND	3RD				
262	RED	BLUE	RED	23	28	A	B
264	RED	BLUE	YELLOW	23	22	A	B
266	RED	BLUE	BLUE	20	20	A	B
268	RED	BLUE	GRAY	16	16	A	B
270	RED	VIOLET	BLACK	12	12	A	B

	AEROSPACE STANDARD		AS39029™/33 SHEET 2 OF 4	REV. C
	(R) CONTACTS, ELECTRICAL CONNECTOR, SOCKET, CRIMP REMOVABLE (FOR AS81511 SERIES 1 CONNECTORS)			



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