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REV.
B

AS39029™/92

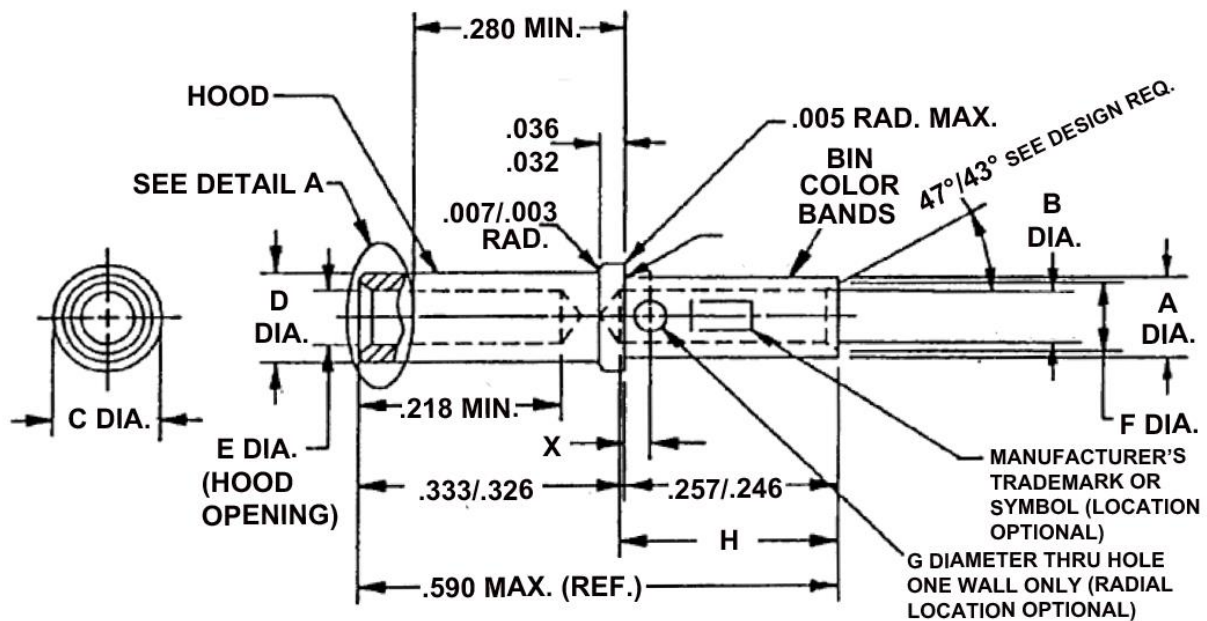
FEDERAL SUPPLY CLASS
5935

RATIONALE

REVISION IS REQUIRED TO IMPROVE DRAWING QUALITY, TO CORRECT INSERTION TOOL ERROR IN TABLE 5 FOR BIN CODE 531 (SHOULD BE M81969/8-03 INSTEAD OF /8-04), AND TO ADD METRIC EQUIVALENTS.

NOTICE

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



SOCKET CONTACT DESIGN AND WIRE BARREL DESIGN, BINS 532 & 533

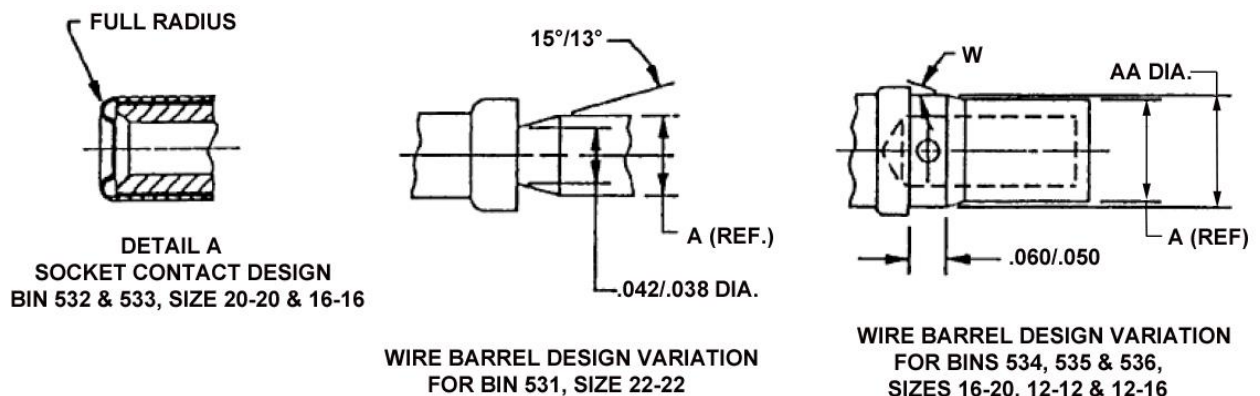
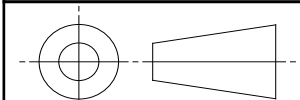


FIGURE 1 – SOCKET CONTACT DESIGN AND WIRE BARREL DESIGN VARIATIONS

For more information on this standard, visit

<https://www.sae.org/standards/content/AS39029/92B>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8/AE-8C1

PROCUREMENT SPECIFICATION: AS39029



AEROSPACE STANDARD

(R) CONTACTS, ELECTRICAL CONNECTOR, SOCKET
REMOVABLE (FOR MIL-PRF-6106 AND
MIL-DTL-12883/40 AND /41 RELAY SOCKETS)

AS39029™/92
SHEET 1 OF 4

REV.
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TABLE 1 – FIGURE 1 METRIC EQUIVALENTS

INCHES	MILLIMETERS	INCHES	MILLIMETERS	INCHES	MILLIMETERS	INCHES	MILLIMETERS
.003	0.08	.036	0.91	.060	1.52	.326	8.28
.005	0.13	.039	0.99	.218	5.54	.333	8.46
.007	0.18	.042	1.07	.246	6.25	.590	14.99
.032	0.81	.050	1.27	.257	6.53		

TABLE 2 – FIGURE 1 DIMENSIONS

BIN CODE	A DIA.	B DIA.	C DIA.	D DIA. MAX.	E DIA. MIN.	F DIA.	G DIA.	H	W°	X	AA
531	.053 (1.35) .051 (1.30)	.038 (0.97) .036 (0.91)	.076 (1.93) 073 (1.85)	.0615 (1.56)	.0315 (0.80)	.047 (1.19) .043 (1.09)	.022 (0.56) .017 (0.43)	.140 (3.56) .120 (3.05)		.146 (3.71) .126 (3.20)	
532	.078 (1.98) .076 (1.93)	.050 (1.27) .048 (1.22)	.103 (2.62) .100 (2.54)	.078 (1.98)	.0415 (1.05)	.066 (1.68) .062 (1.57)	.032 (0.81) .026 (0.66)		N/A		N/A
533	.103 (2.62) .101 (2.57)	.068 (1.73) .066 (1.68)	.133 (3.38)	.113 (2.87)	.0635 (1.61)	.089 (2.26) .083 (2.11)	.042 (1.07) .036 (0.91)				
534	.078 (1.98) .076 (1.93)	.050 (1.27) .048 (1.22)	.130 (3.30)			.066 (1.68) .062 (1.57)	.032 (0.81) .026 (0.66)	.284 (7.21) .250 (6.35)	46° 44°	.040 (1.02) .020 (0.51)	.103 (2.62) .101 (2.57)
535	.151 (3.84) .148 (3.76)	.102 (2.59) .098 (2.49)	.190 (4.83)	.161 (4.09)	.0955 (2.43)	.136 (3.45) .130 (3.30)	.042 (1.07) .036 (0.91)		16° 14°		.158 (4.01) .155 (3.94)
536	.103 (2.62) .101 (2.57)	.068 (1.73) .066 (1.68)	.187 (4.75)			.089 (2.26) .083 (2.11)			46° 44°		

TABLE 3 – DESIGN CHARACTERISTICS

BIN CODE	COLOR BAND 1/			MATING END SIZE	WIRE BARREL SIZE	TYPE	CLASS
	1ST	2ND	3RD				
531	GREEN	ORANGE	BROWN	22	22	A	A
532	"	"	RED	20	20		
533	"	"	ORANGE	16	16		
534	"	"	YELLOW	16	20		
535	"	"	GREEN	12	12		
536	"	"	BLUE	12	16		

1/ SEE AS39029 FOR MARKING OPTIONS.

	AEROSPACE STANDARD	AS39029™/92 SHEET 2 OF 4	REV. B
	(R) CONTACTS, ELECTRICAL CONNECTOR, SOCKET REMOVABLE (FOR MIL-PRF-6106 AND MIL-DTL-12883/40 AND /41 RELAY SOCKETS)		

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