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REV.
C

AS39029™/32

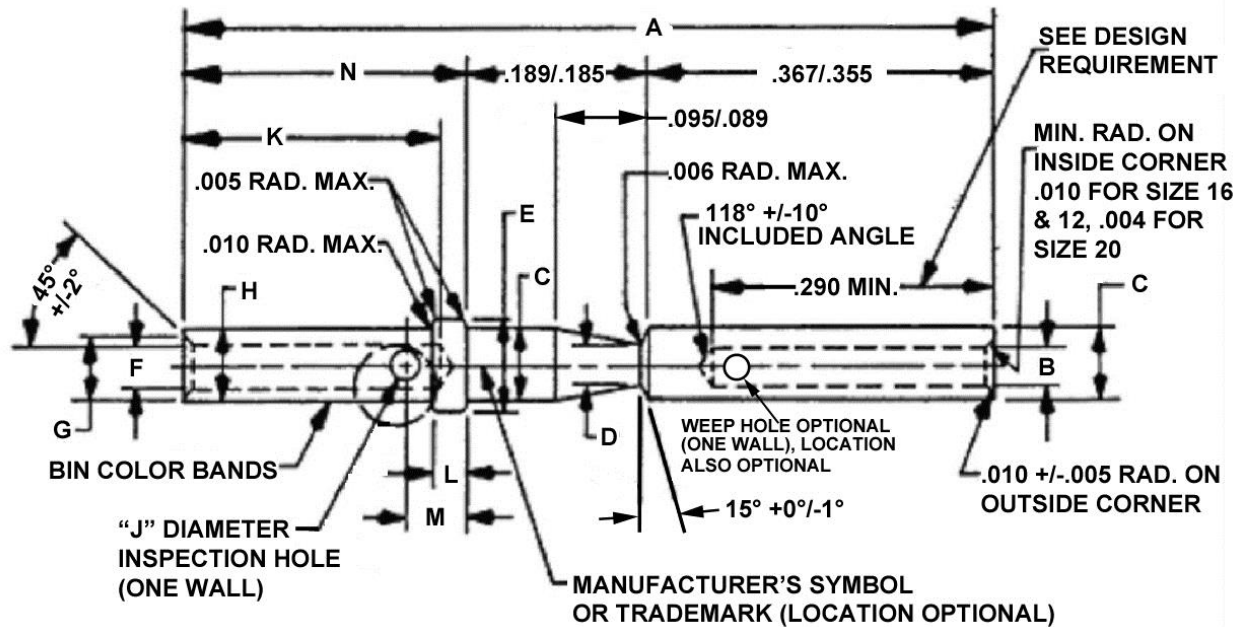
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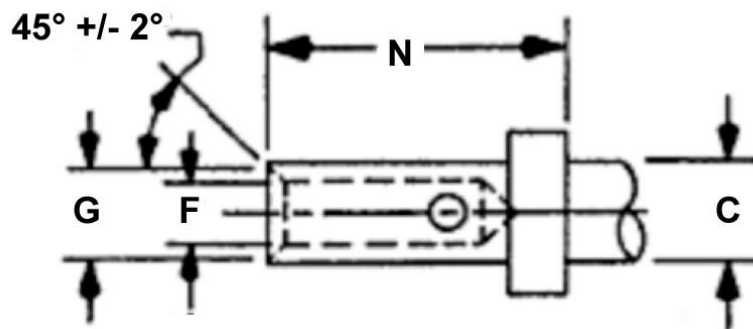
REVISION IS REQUIRED TO ADD THE BASE SPECIFICATION EXCEPTIONS SPECIFIC TO THIS DETAIL SHEET, TO UPDATE THE USAGE RESTRICTION, TO IMPROVE DRAWINGS, ADD THE MATING END WEEP HOLE OPTION, ADD METRIC NUMBERS AND UPDATE DOCUMENT FORMAT TO LATEST SAE GUIDELINES.

NOTICE

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



SOCKET INTERFACE DESIGN FOR ALL BIN CODES
WIRE BARREL DESIGN FOR BIN CODES 247 THROUGH 258 (SIZES 16 AND 12 CONTACTS)

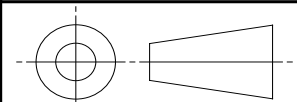


WIRE BARREL DESIGN BIN CODE 242 THROUGH 246 (SIZE 20 CONTACTS)

FIGURE 1 - AS39029/32 SOCKET CONTACT

For more information on this standard, visit
<https://www.sae.org/standards/content/AS39029/32C/>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8/AE-8C1

PROCUREMENT SPECIFICATION: AS39029



AEROSPACE STANDARD

(R) CONTACTS, ELECTRICAL CONNECTOR, SOCKET, CRIMP REMOVABLE (FOR MIL-DTL-26482 SERIES 1, MIL-DTL-26500 AND MIL-DTL-26518 CONNECTORS)

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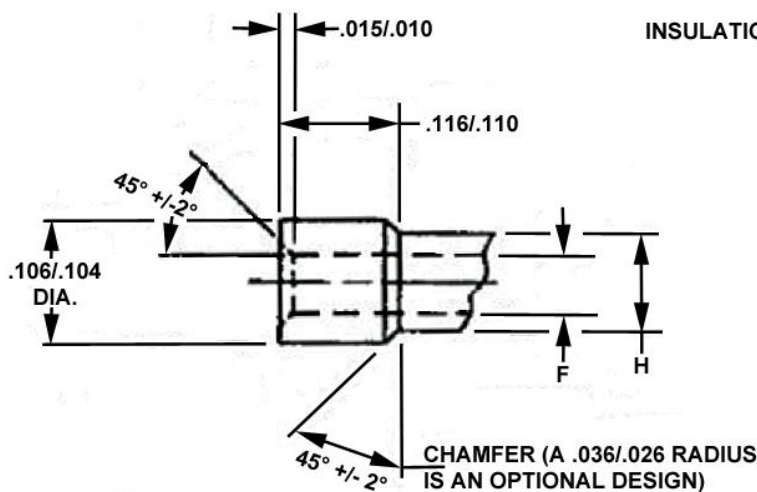
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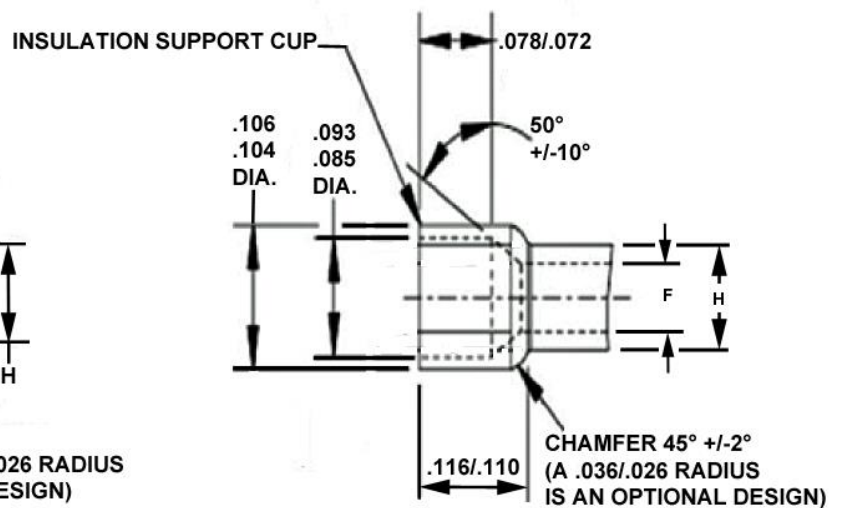
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WIRE BARREL DESIGN BIN CODE 449 (SIZE 20)



WIRE BARREL DESIGN BIN CODE 259 & 260 (SIZE 20)

FIGURE 1 - AS39029/32 SOCKET CONTACT (CONTINUED)

TABLE 1 - FIGURE 1 METRIC EQUIVALENTS

INCH	MILLIMETER	INCH	MILLIMETERS	INCH	MILLIMETERS
.004	0.10	.072	1.83	.107	2.72
.005	0.13	.078	1.98	.110	2.79
.006	0.15	.085	2.16	.116	2.95
.008	0.20	.089	2.26	.185	4.70
.010	0.25	.093	2.36	.189	4.80
.015	0.38	.095	2.41	.355	9.02
.026	0.66	.104	2.64	.367	9.32
.036	0.91	.106	2.69		

TABLE 2 - CONTACT DIMENSIONS

BIN CODE	A REF	B MIN DIA	C DIA	D DIA	E DIA	F DIA	G DIA	H DIA	J DIA	K MIN	L	M	N
242, 243, 244, 245, & 246	.854 (21.69)	.0415 (1.05)	.078 (1.98) .076 (1.93)	.052 (1.32) .048 (1.22)	.103 (2.62) .100 (2.54)	.050 (1.27) .048 (1.22)	.064 (1.63) .060 (1.52)	.078 (1.98) .076 (1.93)	.032 (0.81) .026 (0.66)	.250 (6.35)	.033 (0.84) .029 (0.74)	.068 (1.73) .053 (1.35)	.308 (7.82) .304 (7.72)
247, 248, 249, 250, 251, & 252	.844 (21.44)	.064 (1.63)	.113 (2.87) .110 (2.79)	.087 (2.21) .083 (2.11)	.148 (3.76) .144 (3.66)	.068 (1.73) .066 (1.68)	.092 (2.34) .080 (2.03)	.105 (2.67) .101 (2.57)	.042 (1.07) .036 (0.91)	.236 (5.99)	.048 (1.22) .044 (1.12)	.085 (2.16) .068 (1.73)	.298 (7.57) .294 (7.47)
253, 254, 255, 256, 257, & 258	.844 (21.44)	.0955 (2.43)	.161 (4.09) .158 (4.01)	.135 (3.43) .131 (3.33)	.202 (5.13) .198 (5.03)	.102 (2.59) .098 (2.49)	.135 (3.43) .115 (2.92)	.153 (3.89) .147 (3.73)	.042 (1.07) .036 (0.91)	.236 (5.99)	.048 (1.22) .044 (1.12)	.085 (2.16) .068 (1.73)	.298 (7.57) .294 (7.47)
259, 260, & 449	.854 (21.69)	.0415 (1.05)	.078 (1.98) .076 (1.93)	.052 (1.32) .048 (1.22)	.103 (2.62) .100 (2.54)	.050 (1.27) .048 (1.22)	N/A	.078 (1.98) .076 (1.93)	.032 (0.81) .026 (0.66)	.267 (6.78)	.033 (0.84) .029 (0.74)	.068 (1.73) .053 (1.35)	.308 (7.82) .304 (7.72)



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