

NOTICE

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

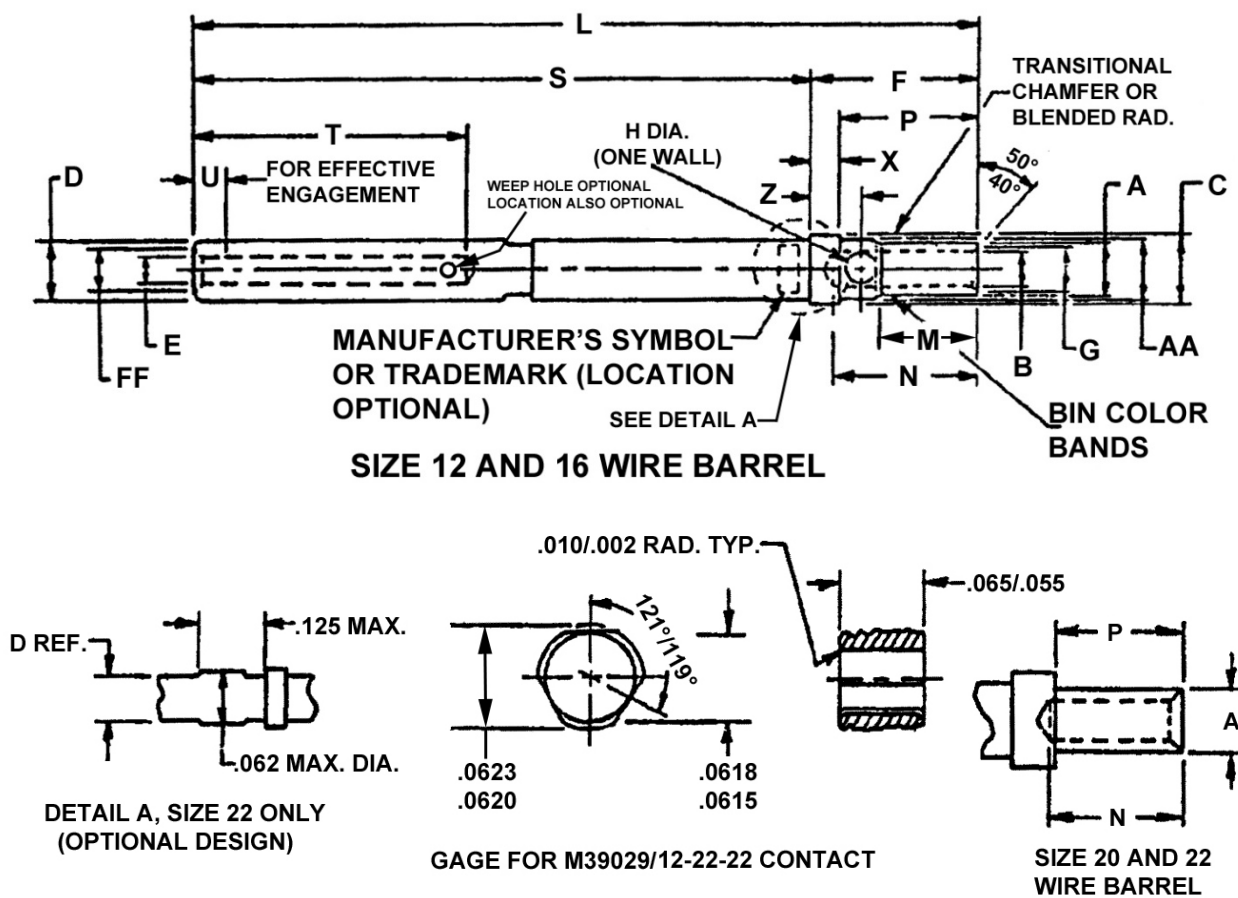
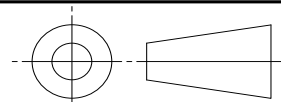


FIGURE 1 - SOCKET CONTACT

For more information on this standard, visit
<https://www.sae.org/standards/content/AS39029/12C/>

THIRD ANGLE PROJECTION



PROCUREMENT SPECIFICATION: AS39029



CONTACTS, ELECTRICAL CONNECTOR,
SOCKET, CRIMP REMOVABLE
(FOR AS81659 SERIES 2 CONNECTORS)

AS39029™/12
SHEET 1 OF 4

REV.
C

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TABLE 1 - FIGURE 1 METRIC EQUIVALENTS

INCHES	MILLIMETERS	INCHES	MILLIMETERS	INCHES	MILLIMETERS	INCHES	MILLIMETERS	INCHES	MILLIMETERS
.002	0.05	.055	1.40	.0618	1.57	.0620	1.57	.065	1.65
.010	0.25	.0615	1.56	.062	1.57	.0623	1.58	.125	3.18

TABLE 2 - DIMENSIONS

BIN CODE	A DIA	B DIA	C DIA	D DIA	E DIA MIN	F	G DIA	H DIA	L (REF)
148 (22-22)	.052	.0375	.070	.061		.271	.047	.022	.650
	(1.32)	(0.953)	(1.78)	(1.55)		(6.88)	(1.19)	(0.559)	(16.51)
	.050	.0340	.068	.059	.031 (0.787)	.260	.041	.018	.630
149 (20-20)	(1.27)	(0.864)	(1.73)	(1.50)		(6.60)	(1.04)	(0.457)	(16.00)
	.068	.0460	.084	.074		.199	.058	.033	.918
	(1.73)	(1.17)	(2.13)	(1.88)	.0415 (1.05)	(5.05)	(1.47)	(0.838)	(23.32)
150 (16-16)	.065	.0430	.082	.068		.184	.052	.025	.898
	(1.65)	(1.09)	(2.08)	(1.73)		(4.67)	(1.32)	(0.635)	(22.81)
	.103	.068	.134	.113		.305	.090	.042	.982
151 (12-12)	(2.62)	(1.73)	(3.40)	(2.87)	.064 (1.63)	(7.75)	(2.29)	(1.07)	(24.94)
	.101	.066	.130	.110		.289	.080	.036	.952
	(2.57)	(1.68)	(3.30)	(2.79)		(7.34)	(2.03)	(0.914)	(24.18)
151 (12-12)	.151	.102	.190	.161		.305	.140	.042	.982
	(3.84)	(2.59)	(4.83)	(4.09)	.0955 (2.43)	(7.75)	(3.56)	(1.07)	(24.94)
	.148	.098	.186	.158		.289	.130	.036	.952
	(3.76)	(2.49)	(4.72)	(4.01)		(7.34)	(3.30)	(0.914)	(24.18)

TABLE 2 - DIMENSIONS (CONTINUED)

BIN CODE	M MIN	N	P	S	T MIN	U MAX	X	Z	AA DIA	FF MIN
148 (22-22)	N/A	.165 (4.19) .135 (3.43)	.237 (6.02) .231 (5.87)	.379 (9.63) .370 (9.40)	.200	.043	.034 (0.864) .029 (0.737)	.161 (4.09) .132 (3.35)	N/A	.043 (1.09)
149 (20-20)	N/A	.190 (4.83) .150 (3.81)	.165 (4.19) .155 (3.94)	.719 (18.26) .714 (18.14)	.325	.041	.034 (0.864) .029 (0.737)	.069 (1.75) .054 (1.37)	N/A	.056 (1.42)
150 (16-16)	.150 (3.81)	.290 (7.37) .250 (6.35)	.257 (6.53) .245 (6.22)	.677 (17.20) .653 (16.59)	.468	.060	.048 (1.22) .044 (1.12)	.083 (2.11) .069 (1.75)	.111 (2.82) .107 (2.72)	.086 (2.18)
151 (12-12)	.150 (3.81)	.290 (7.37) .250 (6.35)	.257 (6.53) .245 (6.22)	.677 (17.20) .653 (16.59)	.468	.060	.048 (1.22) .044 (1.12)	.083 (2.11) .069 (1.75)	.158 (4.01) .155 (3.94)	.116 (2.95)

TABLE 3 - DESIGN CHARACTERISTICS

BIN CODE	COLOR BANDS			MATING END SIZE	WIRE BARREL SIZE	TYPE	CLASS
	1 ST	2 ND	3 RD				
148	BROWN	YELLOW	GRAY	22	22	A	B
149	BROWN	YELLOW	WHITE	20	20		
150	BROWN	GREEN	BLACK	16	16		
151	BROWN	GREEN	BROWN	12	12		

	AEROSPACE STANDARD		AS39029™/12 SHEET 2 OF 4	REV. C
	CONTACTS, ELECTRICAL CONNECTOR, SOCKET, CRIMP REMOVABLE (FOR AS81659 SERIES 2 CONNECTORS)			

 **Documents**

