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REV.
E

AS7928™/11

FEDERAL SUPPLY CLASS
5940

RATIONALE

LIMITED SCOPE REVISION REQUIRED TO SPECIFY NEW TOOLS AND MINOR EDITORIAL CHANGES AS NEEDED.

NOTICE

THE COMPLETE REQUIREMENTS FOR PROCURING THE PRODUCT DESCRIBED HEREIN SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF AS7928.

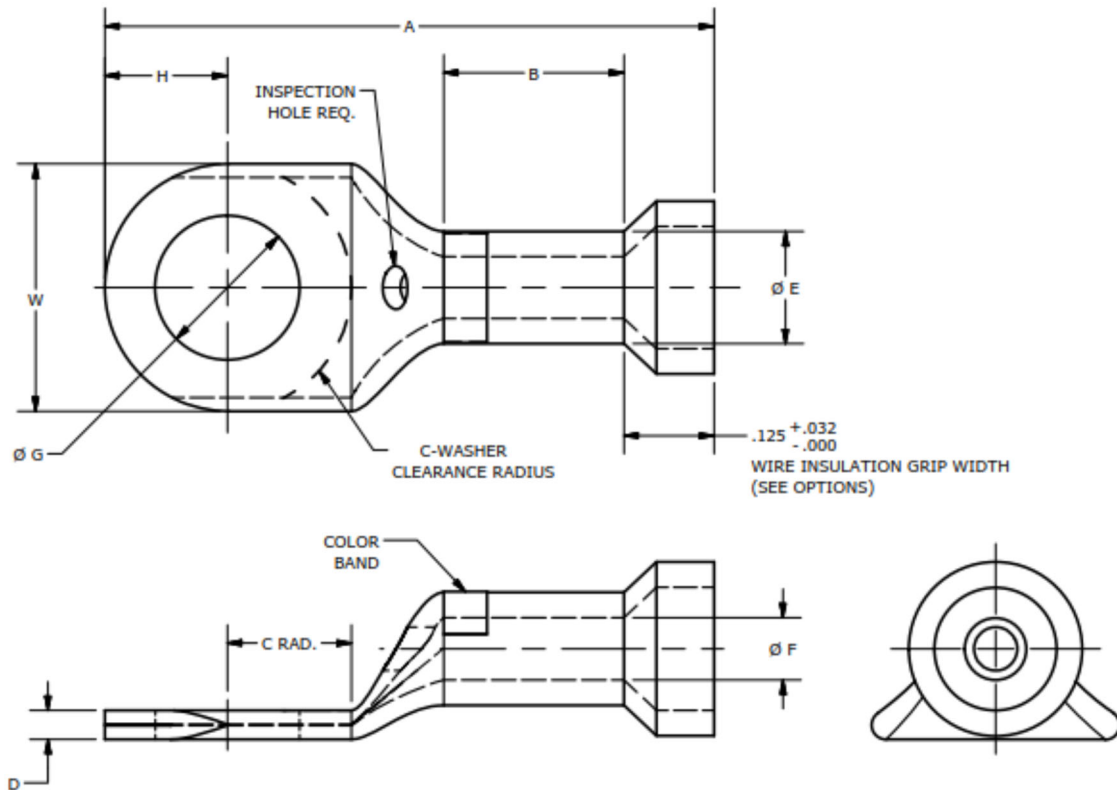
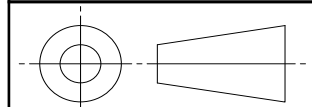


FIGURE 1 - TERMINAL AND WIRE INSULATION GRIPS FOR WIRE SIZE 22 THROUGH 14

For more information on this standard, visit
<https://www.sae.org/standards/content/AS7928/11E>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8C2

PROCUREMENT SPECIFICATION: AS7928



AEROSPACE STANDARD

TERMINAL, LUG, CRIMP STYLE, COPPER, UNINSULATED,
RING TONGUE, TIN WHISKER RESISTANT, TYPE I,
CLASS I, FOR 150 °C TOTAL CONDUCTOR TEMPERATURE

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E

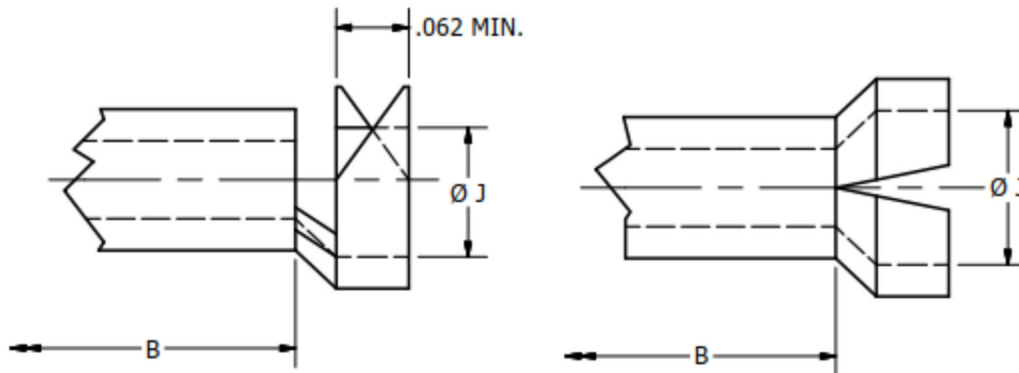
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WIRE INSULATION GRIP OPTIONS

FIGURE 1 (CONTINUED) - TERMINAL AND WIRE INSULATION GRIPS FOR WIRE SIZE 22 THROUGH 14

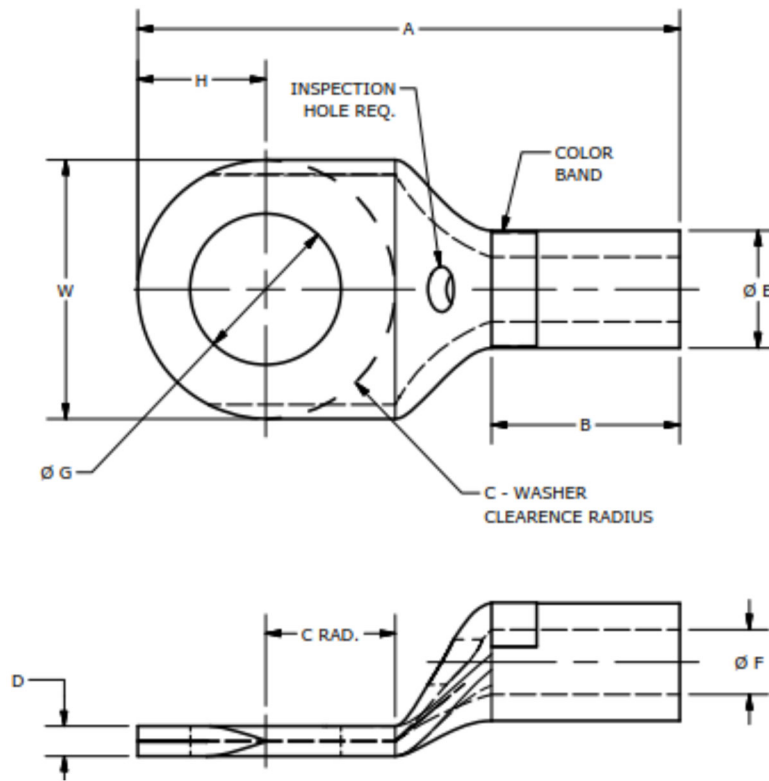


FIGURE 2 - TERMINALS FOR WIRE SIZE 12 THROUGH 0000 (NO WIRE INSULATION GRIP)



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TABLE 1 - DIMENSIONS

DASH NO.	WIRE SIZE	STUD SIZE	A MAX	B MIN	C MIN RADIUS	D		E DIA 2/	F DIA 3/	G DIA		J DIA MIN 4/	W & H 1/	
						MAX	MIN			MAX	MIN		MAX	MIN
168	22-18	1/4 (0.250)	1.116	.250	.265	.045	.023	.140 .115	.073 .052	.275	.260	.120	.438	.406
167		2 (0.086)	.890		.115					.098	.090		.260	.178
138		4 (0.112)	.890		.125					.122	.114		.260	.178
101		6 (0.138)	.890		.125					.152	.142		.260	.210
102		10 (0.190)	.968		.172					.203	.193		.320	.305
161		5/16 (0.312)	1.187		.284					.338	.323		.540	.450
125		3/8 (0.375)	1.308		.328					.400	.385		.540	.520
162		1/2 (0.500)	1.530		.378					.525	.510		.733	.703
169	16-14	1/4 (0.250)	1.135	.250	.265	.053	.029	.162 .145	.095 .081	.275	.260	.153	.438	.406
139		4 (0.112)	.947		.125					.122	.114		.266	.234
103		6 (0.138)	.955		.172					.152	.142		.327	.297
126		6 (0.138)	.947		.125					.152	.142		.266	.234
104		10 (0.190)	.955		.172					.203	.193		.327	.234
163		5/16 (0.312)	1.249		.284					.338	.323		.540	.450
127		3/8 (0.375)	1.290		.328					.400	.385		.540	.520
164		1/2 (0.500)	1.593		.378					.525	.510		.733	.703
170	12-10	1/4 (0.250)	1.093	.250	.265	.080	.037	.230 .210	.139 .129	.275	.260	N/A	.484	.453
165		6 (0.138)	.955		.202					.152	.142		.317	.290
105		10 (0.190)	.969		.172					.203	.193		.391	.365
106		5/16 (0.312)	1.156		.296					.338	.323		.547	.485
128		3/8 (0.375)	1.172		.328					.400	.385		.598	.536
166		1/2 (0.500)	1.718		.378					.525	.510		.733	.703
140	8	8 (0.164)	1.150	.315	.234	.084	.038	.272 .260	.186 .176	.178	.168	N/A	.429	.386
107		10 (0.190)	1.150		.234					.203	.193		.429	.386
141		1/4 (0.250)	1.219		.265					.275	.260		.478	.435
108		5/16 (0.312)	1.297		.296					.338	.323		.590	.547
129		3/8 (0.375)	1.297		.328					.400	.385		.590	.547
142		1/2 (0.500)	1.545		.440					.525	.510		.833	.680
130	6	10 (0.190)	1.312	.375	.238	.084	.043	.316 .295	.232 .222	.203	.193	N/A	.503	.460
109		1/4 (0.250)	1.312		.265					.275	.260		.503	.460



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