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REV.
B

AS7928™/7

FEDERAL SUPPLY CLASS
5940

RATIONALE

REVISION REQUIRED TO CLARIFY APPLICATION NOTE AND MINOR EDITING.

NOTICE

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

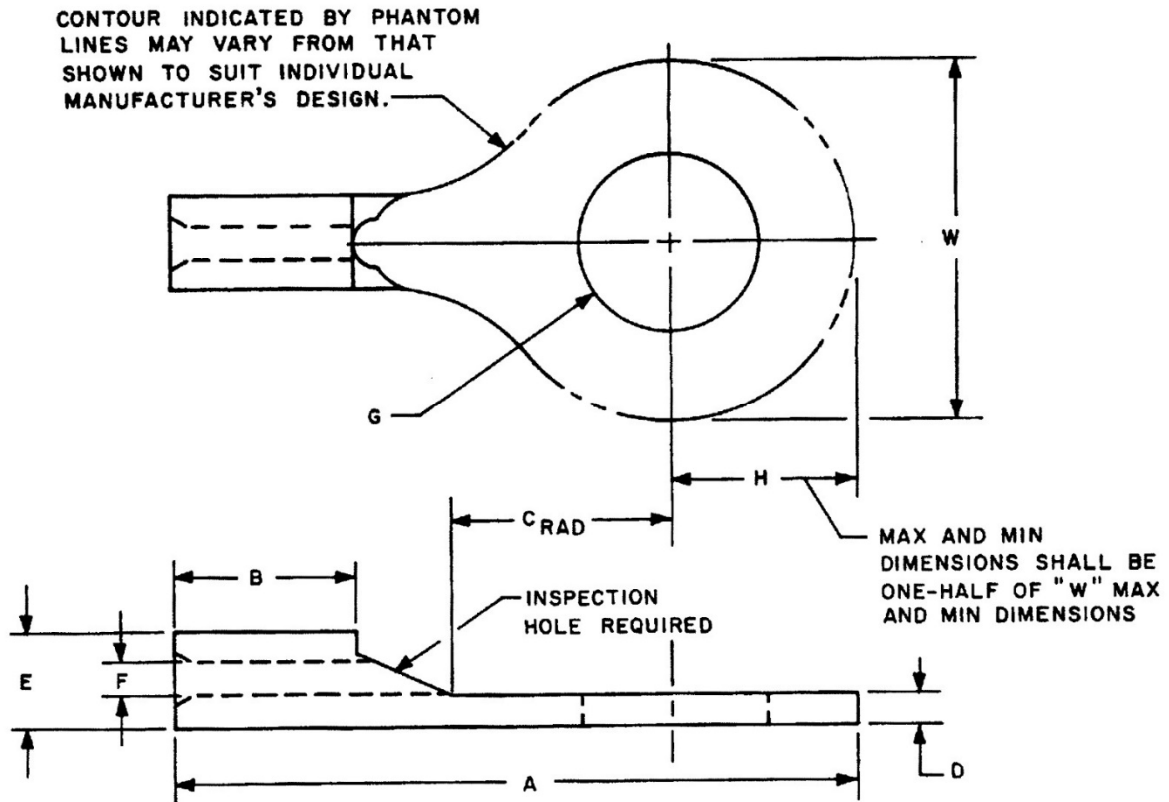
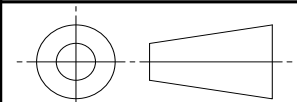


FIGURE 1 - TERMINAL CONFIGURATION

For more information on this standard, visit
<https://www.sae.org/standards/content/AS7928/7B>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8C2

PROCUREMENT SPECIFICATION: AS7928



AEROSPACE STANDARD

TERMINAL LUG AND SPLICES, CONDUCTOR, CRIMP STYLE, COPPER, TERMINAL LUG, CRIMP STYLE, COPPER, UNINSULATED, RING TONGUE TYPE I, CLASS 1 FOR 150 °C
TOTAL CONDUCTOR TEMPERATURE

AS7928™/7
SHEET 1 OF 3

REV.
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TABLE 1 - TERMINAL CONFIGURATION DIMENSIONS

DASH NO.	WIRE SIZE	STUD SIZE	A MAX	B MIN	C MIN RAD	D		E DIA	F DIA	G		W		MIL-T-16366 (SHIPS) REFERENCE	
						MAX	MIN			MAX	MIN	MAX	MIN		
-1	22-18	2 (.086)	.560	.240	.115	.037	.023	.165 .110	.070 .052	.098	.090	.230	.198	1-2	
-2		4 (.112)								.122	.114				
-3		6 (.138)	.747		.200					.152	.142	.320	.275	L33, 1-2 L36, 1-2	
-4		10 (.190)								.203	.193				
-5		5/16 (.3125)	.953		.312					.338	.323	.540	.450	L65, 1-2	
-6		3/8 (.375)	1.125		.380					.400	.385	.609	.520		
-7	16-14	6 (.138)	.747	.200	.312	.380	.192 .139	.098 .081	.152	.142	.320	.275	L33 2-1/2-4 L36, 2-1/2-4		
-8		10 (.190)							.203	.193					
-9		5/16 (.3125)	.953	.338					.323	.540	.450	L65, 2-1/2-4 L66, 2-1/2-4			
-10		3/8 (.375)	1.125	.400					.385	.609	.520				
-11		4 (.112)	.560	.115					.122	.114	.250	.240	2-1/2-4		

REQUIREMENTS: ALL REQUIREMENTS SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF AS7928.

1. TERMINAL CONFIGURATION:

TERMINAL CONFIGURATION IS AS SHOWN IN FIGURE 1 AND TABLE 1. DESIGN IS OPTIONAL WITHIN THE DIMENSIONS SHOWN. DIMENSIONS ARE INCHES. STUD SIZE DIMENSIONS ARE SHOWN IN PARENTHESES.

THE SPLIT OF A SPLIT BARREL CONSTRUCTION SHALL BE PERMANENTLY SEALED AND SHALL NOT OPEN AS A RESULT OF CRIMPING.

2. MATERIAL:

TERMINAL BASE METAL SHALL BE SOFT COPPER IN ACCORDANCE WITH ASTM B133 OR ASTM B272, COPPER TUBING ASTM B75. OR GILDING METAL (95% COPPER AND 5% ZINC).

TERMINAL FINISH IS TIN PLATED

3. PART IDENTIFICATION NUMBER (PIN):

M7928/7 -11

| |

| | _____ DASH NUMBER (SEE TABLE 1)

| | _____ AS7928 DETAIL SPECIFICATION NUMBER

4. CRIMP TOOLS:

TERMINAL SHALL BE CRIMP WITH THE TOOLS SPECIFIED IN TABLE 2. CLASS II TOOLS MAY BE USED IN ACCORDANCE WITH AS7928.

TABLE 2 - CRIMP TOOLS PART NUMBERS

M7928/7-	M22520/38-1 CRIMP CAVITY	M22520/24-1 CRIMP CAVITY 1/
22 THRU 14	AB	AB

1/ AS22520/38 SUPERSEDES MIL-DTL-22520/24 WHICH IS NOT CYCLE
CONTROL RATCHET EQUIPPED AND NOT RECOMMENDED FOR FUTURE
USE.

	AEROSPACE STANDARD	AS7928™/7 SHEET 2 OF 3	REV. B
	TERMINAL LUG AND SPLICES, CONDUCTOR, CRIMP STYLE, COPPER, TERMINAL LUG, CRIMP STYLE, COPPER, UNINSULATED, RING TONGUE TYPE I, CLASS 1 FOR 150 °C TOTAL CONDUCTOR TEMPERATURE		