FED. SUP CLASS
5940

USER SYMBOLS:
NAVY - MC

REVIEWER SYMBOLS:
NAVY - SH, EL
ARMY - AV
USAF - 11, 99

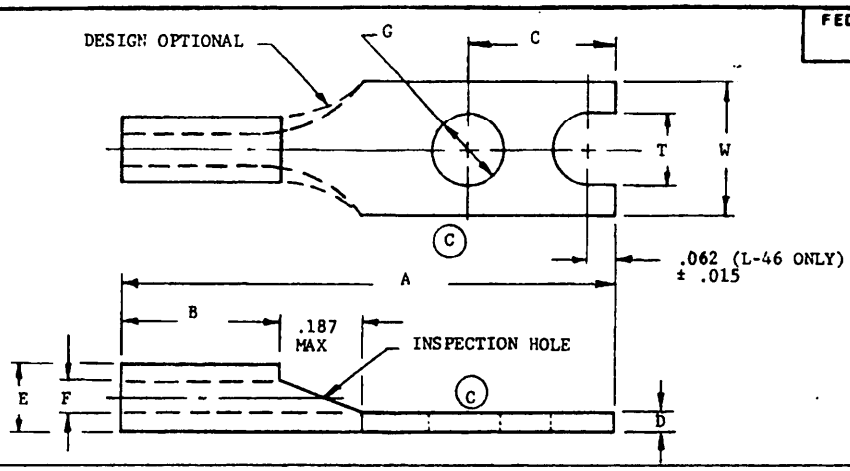

TABLE I

DASH NO.	WIRE SIZE	STUD SIZE	A MAX	B MIN	C ±.010	D MAX	D MIN	E	F	G MAX	G MIN	T ±.005	W MAX	W MIN	MIL-T-16366 (SHIPS) REFERENCE
1	22-18	6	.967	.250	.187	.037	.023	.165	.070	.152	.142	.140	.260	.240	L-47, 1-2
2		8	1.123		.343			.110	.052	.178	.168	.218	.322	.302	L-46, 1-2
3	16-14	6	1.030	.250	.187	.037	.023	.192	.090	.152	.142	.140	.260	.240	L-47, 2-1/2-4
4		8	1.186		.343			.139	.081	.178	.168	.218	.322	.302	L-46, 2-1/2-4
5	12-10	6	1.155	.250	.187	.046	.032	.255	.135	.152	.142	.140	.260	.240	L-47, 6-9
6		8	1.311		.343			.199	.128	.178	.168	.218	.322	.302	L-46, 6-9

TABLE II (REF)

WIRE SIZE	NAVY CABLE SIZE	WIRE SIZE	NAVY CABLE SIZE	WIRE SIZE	NAVY CABLE SIZE
22-18	1 (1)	16-14	2-1/2 (1)	12-10	6 (7)
	1 (7)		2-1/2 (19)		6 (19)
	1 (10)		2-1/2 (26)		9 (7)
	1-1/2 (1)		3 (7)		9 (37)
	1-1/2 (7)		4 (1)		
	1-1/2 (16)		4 (19)		
	1-1/2 (41)		4 (7)		
	2 (7)		4 (41)		

ADDITIONAL REQUIREMENTS.

1. MATERIAL: SEE ACQUISITION SPECIFICATION.
2. FINISH: TIN PLATED. SEE ACQUISITION SPECIFICATION.
3. TENSILE STRENGTH: THE TENSILE STRENGTH SHALL BE THAT SPECIFIED IN ACQUISITION SPECIFICATION.
4. (C) DESIGN AND CONSTRUCTION: LUG TERMINALS SHALL BE OF THE DESIGN, CONSTRUCTION AND PHYSICAL DIMENSIONS SPECIFIED IN THE FIGURE AND TABLE I AND SHALL MEET THE PERFORMANCE REQUIREMENTS OF MIL-T-7928 WHEN CRIMPED ON MIL-C-915 AND MIL-C-2194 CABLE WITH A 9000-S6202-73809 CRIMPING TOOL AND MIL-C-22520/24 CRIMPING TOOL. THIS STANDARD DEPICTS ONLY GENERAL DESIGN CHARACTERISTICS AND IS NOT INTENDED TO LIMIT SPECIFIC MANUFACTURING PROCESSES. WIRE INSULATION SUPPORT NOT REQUIRED.
5. DIMENSIONS IN INCHES.
6. (C) METRIC EQUIVALENTS (TO THE NEAREST 0.01mm) ARE GIVEN FOR GENERAL INFORMATION ONLY AND ARE BASED UPON 1 INCH = 25.4mm.

INCH	mm	INCH	mm	INCH	mm
.015	0.38	.135	3.43	.240	6.10
.023	0.58	.139	3.53	.250	6.35
.032	0.81	.140	3.56	.255	6.48
.037	0.94	.142	3.61	.260	6.60
.046	1.17	.152	3.86	.302	7.67
.052	1.32	.165	4.19	.322	8.18
.062	1.57	.168	4.27	.343	8.71
.070	1.78	.178	4.52	.967	24.56
.081	2.06	.187	4.75	1.030	26.16
.090	2.29	.192	4.88	1.123	28.52
.110	2.79	.199	5.05	1.155	29.34
.128	3.25	.218	5.54	1.186	30.12
				1.311	33.30

FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER ACQUISITION DOCUMENTS REFERENCED HEREIN. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.

(C) REVISED

APPROVED 26 SEPT 67 REVISED (A) 2 JULY 68 (B) 12 March 1973 (C) 30 Oct 1981

P.A. NAVY - AS Other Cust Army - ER USAF - 85	TITLE TERMINAL, LUG, UNINSULATED, RECTANGULAR CRIMP STYLE, COPPER, TYPE I, CLASS I, (SPECIAL APPLICATIONS) FOR 175°C TOTAL CONDUCTOR TEMPERATURE (C)	MILITARY STANDARD MS21011
ACQUISITION SPECIFICATION MIL-T-7928	SUPERSEDES:	SHEET 1 OF 1

DD FORM 1 MAR 72 672-1 (Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE PLATE NO. 17709

(Project No. 5940-0838)