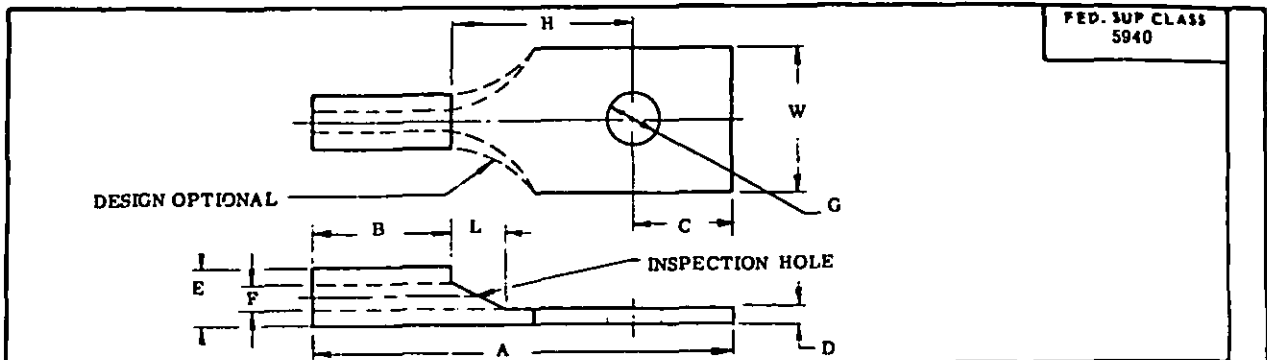


USER SYMBOLS:
USAF - 17

REVIEWER SYMBOLS:
NAVY - SU, EC
ARMY - AV, MI
USAF - 11, 17, 85

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This military standard is approved for use by all Departments
& Agencies of the Department of Defense. Selection for all new
engineering and design applications and for repetitive use shall
be made from this document.



FED. SUP CLASS
5940

TABLE I														
DASH NO.	WIRE SIZE	STUD SIZE	A MAX	B MIN	C ±.010	D	E	F	G MAX	G MIN	H MIN	L MAX	W ±.005	MIL-T-16366 (SHIPS) REFERENCE
22	22-18	2 (.086)	.759	.240	.110				.098	.090	.203	.125	.182	
1		4 (.112)	.828		.143				.122	.114	.237	.125	.237	L-86, 1-2
2		5 (.125)	.858		.143				.137	.129	.277	.125	.277	L-83, 1-2
3		6 (.164)		.250	.227				.178	.168	.465	.250	.302	L-82, 1-2
4		6 (.138)	1.040			.037	.165	.070	.152	.142	.465	.250	.302	L-81, 1-2
5		4 (.112)	.980		.195	.023	.110	.052	.122	.114	.404	.156	.237	L-85, 1-2
6		6 (.138)							.152	.142	.404	.156	.237	L-84, 1-2
7		6 (.164)	1.290		.310				.178	.168	.621	.281	.390	L-80, 1-2
8		4 (.112)	.889		.143				.122	.114	.237	.125	.237	L-86, 2-1/2-4
9		5 (.125)	.921		.143				.137	.129	.277	.125	.277	L-83, 2-1/2-4
10	16-14	6 (.164)		.250	.227				.178	.168	.465	.250	.302	L-82, 2-1/2-4
11		6 (.138)	1.075			.037	.192	.090	.152	.142	.465	.250	.302	L-81, 2-1/2-4
12		4 (.112)	1.043		.195	.023	.139	.081	.122	.114	.404	.156	.237	L-85, 2-1/2-4
13		6 (.138)							.152	.142	.404	.156	.237	L-84, 2-1/2-4
14		6 (.164)	1.294		.310				.178	.168	.621	.281	.390	L-80, 2-1/2-4
15		4 (.112)	1.014		.143				.122	.114	.237	.125	.237	L-86, 6-9
16		5 (.125)	1.146		.143				.137	.129	.277	.125	.277	L-83, 6-9
17		6 (.164)		.250	.227				.178	.168	.465	.250	.302	L-82, 6-9
18	12-10	6 (.138)	1.200			.046	.255	.135	.152	.142	.465	.250	.302	L-81, 6-9
19		4 (.112)	1.168		.195	.032	.199	.128	.122	.114	.404	.156	.237	L-85, 6-9
20		6 (.138)							.152	.142	.404	.156	.237	L-84, 6-9
21		6 (.164)	1.419		.310				.178	.168	.621	.281	.390	L-80, 6-9

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

REQUIREMENTS:

1. MATERIAL: SEE ACQUISITION SPECIFICATION.
2. FINISH: TIN PLATED. SEE ACQUISITION SPECIFICATION.
3. DIMENSIONS IN INCHES.
4. TENSILE STRENGTH: THE TENSILE STRENGTH SHALL BE THAT SPECIFIED IN ACQUISITION SPECIFICATION.
5. 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 MIL-C-22520/25 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.
6. THE COMBINATION OF DIMENSIONS H, C AND L MUST PERMIT WIRED TERMINALS TO BE STACKED ON ONE STUD ON THE FOLLOWING TERMINAL BOARDS IN THE QUANTITY SHOWN:

STYLE	TERMINAL BOARD MIL-T-55164	QUANTITY OF WIRED TERMINALS
L80	-/10	4
L81	-/12	4
L82	-/19	4
L83	-/14	2
L84	-/16	4
L85	-/25	3
L86	-/24	2

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

REVISED AND REDRAWN

P.A. NAVY - AS Other Cust ARMY - ER USAF - 99	TITLE TERMINAL, LUG, UNINSULATED, RECTANGULAR TONGUE, CRIMP STYLE, COPPER, TYPE I, CLASS I FOR 175°C TOTAL CONDUCTOR TEMPERATURE	MILITARY STANDARD MS21004
ACQUISITION SPECIFICATION MIL-T-7928	SUPERSEDES:	SHEET 1 OF 2

DD FORM 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE. Project No. 5940-0893

PLATE NO. 15320

REVISED A: 20 Dec 68 B: 2 Sept 69 C: 12 March 1973 D: 3 JUNE 1981
APPROVED 20 Sept 67

FED. SUP CLASS
5940

USER SYMBOL:

USAF - 17

REVIEWER SYMBOLS:

NAVY - SH, EC

ARMY - AV, HI

USAF - 11, 17, 85

METRIC TABLE FOR MS21004D

(D)

INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM
.023	0.58	.129	3.28	.199	5.05	.826	20.98
.032	0.81	.135	3.43	.203	5.16	.858	21.79
.037	0.94	.137	3.48	.227	5.77	.889	22.58
.046	1.17	.138	3.51	.237	6.02	.921	23.39
.052	1.32	.139	3.53	.240	6.10	.980	24.89
.070	1.78	.142	3.61	.250	6.35	1.014	25.76
.081	2.06	.143	3.63	.255	6.48	1.040	26.42
.096	2.18	.152	3.86	.277	7.04	1.043	26.49
.090	2.29	.156	3.96	.281	7.14	1.075	27.31
.098	2.49	.164	4.17	.302	7.67	1.146	29.11
.110	2.79	.165	4.19	.310	7.87	1.168	29.67
.112	2.84	.168	4.27	.390	9.91	1.200	30.48
.114	2.90	.178	4.52	.404	10.26	1.290	32.77
.122	3.10	.182	4.62	.465	11.81	1.294	32.87
.125	3.18	.192	4.88	.621	15.77	1.419	36.04
.128	3.25	.195	4.95	.759	19.28		

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P.A.
NAVY - AS
Other CustARMY - ER
USAF - 99ACQUISITION SPECIFICATION
MIL-T-7928

TITLE

TERMINAL, LUG, UNINSULATED, RECTANGULAR TONGUE,
CRIMP STYLE, COPPER, TYPE I, CLASS 1
FOR 175°C TOTAL CONDUCTOR TEMPERATURE

SUPERSEDES

MILITARY STANDARD

MS 21004

SHEET 2 OF 2

APPROVED 26 Sept 67 REVISED (D) For Changes See Sheets 1 and 2