FEDERAL SUPPLY CLASS
5940

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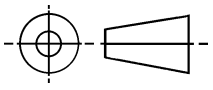

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CUSTODIAN: SAE A-10

PROCUREMENT SPECIFICATION: MIL-T-7928

SAE The Engineering Society For Advancing Mobility Land Sea Air and Space®
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AEROSPACE STANDARD

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

AS21004
SHEET 1 OF 3

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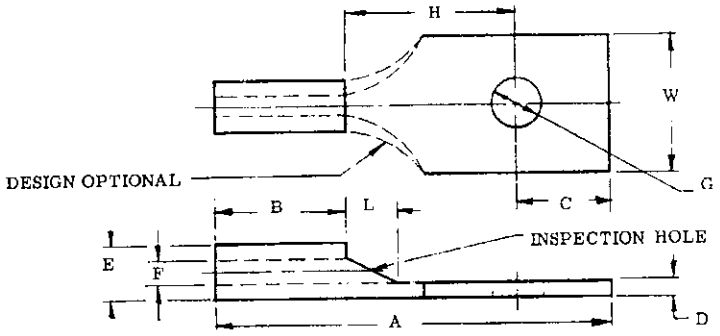

TABLE I

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		2 (.086)	.758	.240	.110				.098	.090	.203	.125	.182	
1		4 (.112)	.826		.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		8 (.164)	1.040	.250	.227				.178	.168	.465	.250	.302	L-82, 1-2
4	22-18	6 (.138)				.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		8 (.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		8 (.164)	1.075	.250	.227				.178	.168	.465	.250	.302	L-82, 2-1/2-4
11	16-14	6 (.138)				.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		8 (.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		8 (.164)	1.200	.250	.227				.178	.168	.465	.250	.302	L-82, 6-9
18	12-10	6 (.138)				.043	.256	.135	.152	.142	.465	.250	.302	L-81, 6-9
19		4 (.112)	1.168		.195	.033	.199	.128	.122	.114	.404	.156	.237	L-85, 6-9
20		6 (.138)							.152	.142	.404	.156	.237	L-84, 6-9
21		8 (.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)
16-14	2-1/2 (1)
	2-1/2 (19)
	2-1/2 (26)
	3 (7)
	4 (1)
	4 (19)
	4 (7)
	4 (41)
12-10	6 (7)
	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.