

**REV.
B**

AS21004™

RATIONALE

REVISION REQUIRED TO ADDRESS MS21004-22 PART NUMBER. THERE IS NO KNOWN PRODUCT THAT MEETS THESE DIMENSIONS.

NOTICE

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

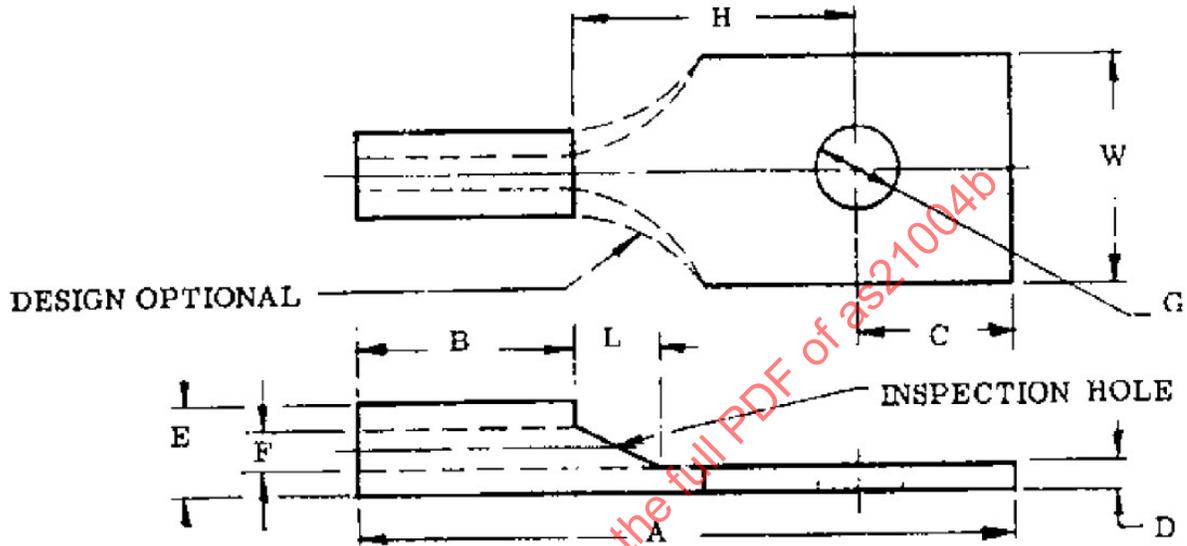
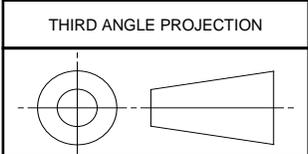


FIGURE 1 - TERMINAL CONFIGURATION

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CUSTODIAN: AE-8/AE-8C2

PROCUREMENT SPECIFICATION: AS7928



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

**REV.
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ISSUED 2002-02 REVISED 2016-01

TABLE 1 - TERMINAL CONFIGURATION DIMENSIONS

DASH NO.	WIRE SIZE	STUD SIZE	A MAX	B MIN	C ±.010	D	E	F	G		H	L	W	MIL-T-16366 (SHIPS) REFERENCE
									MAX	MIN	MIN	MAX	±.005	
22 1/		2 (.086)	.759	.240	.110				.098	.090	.203	.125	.182	
1	22-18	4 (.112)	.826	.250	.143	.037	.165	.070	.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		.227				.178	.168	.465	.250	.302	L-82, 1-2
4		6 (.138)	1.040		.227				.152	.142	.465	.250	.302	L-81, 1-2
5		4 (.112)	.980		.195				.122	.114	.404	.156	.237	L-85, 1-2
6		6 (.138)	.980		.195				.152	.142	.404	.166	.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	16-14	5 (.125)	.921	.250	.143	.037	.192	.090	.137	.129	.277	.125	.277	L-83, 2-1/2-4
10		8 (.164)	1.075		.227				.178	.168	.465	.250	.302	L-82, 2-1/2-4
11		6 (.138)	1.075		.227				.152	.142	.405	.250	.302	L-81, 2-1/2-4
12		4 (.112)	1.043		.195				.122	.114	.404	.166	.237	L-85, 2-1/2-4
13		6 (.138)	1.043		.195				.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	12-10	8 (.164)	1.200	.250	.227	.043	.255	.135	.178	.168	.465	.250	.302	L-82, 6-9
18		6 (.138)	1.200		.227				.152	.142	.465	.250	.302	L-81, 6-9
19		4 (.112)	1.168		.195				.122	.114	.404	.156	.237	L-85, 6-9
20		6 (.136)	1.168		.195				.152	.142	.404	.156	.237	L-84, 6-9
21		8 (.164)	1.419		.310				.178	.168	.621	.281	.390	L-80, 6-9

1/ TERMINAL SIZE 22 IS NOT RECOMMENDED FOR USAGE. THERE IS NO KNOWN SOURCE OF SUPPLY. CONTACT THE AS21004 QUALIFIED SOURCE FOR FURTHER SUPPORT.

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.

2. MATERIAL:

TERMINAL SHALL BE TIN PLATED OVER COPPER BASE METAL.

3. PART IDENTIFICATION NUMBER (PIN):

MS21004 -21
 | |
 | | 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

MS21004 WIRE SIZE	M22520/38-1 CRIMP CAVITY	M22520/24-1 CRIMP CAVITY 1/
22 THRU 14	AB	AB
12 THRU 10	C	C

1/ AS22520/38 SUPERSEDES MIL-DTL-22520/24 WHICH IS NOT RECOMMENDED FOR FUTURE USE.