

INCH-POUND

MS35436C
 15 December 2003
 SUPERSEDING
 MS35436B
 10 February 1961

DETAIL SPECIFICATION SHEET

TERMINAL, LUG, SOLDER TYPE,
 COPPER STAMPING, INSULATION GRIP, ONE HOLE

Inactive for new design after 15 December 2003
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This specification sheet is approved for use by all departments and agencies of the Department of Defense.

The requirements for acquiring the product described herein shall consist of this specification sheet and the issue of MIL-DTL-15659 listed in that issue of the Department of Defense Index of Specifications and Standards (DoDISS) specified in the solicitation.

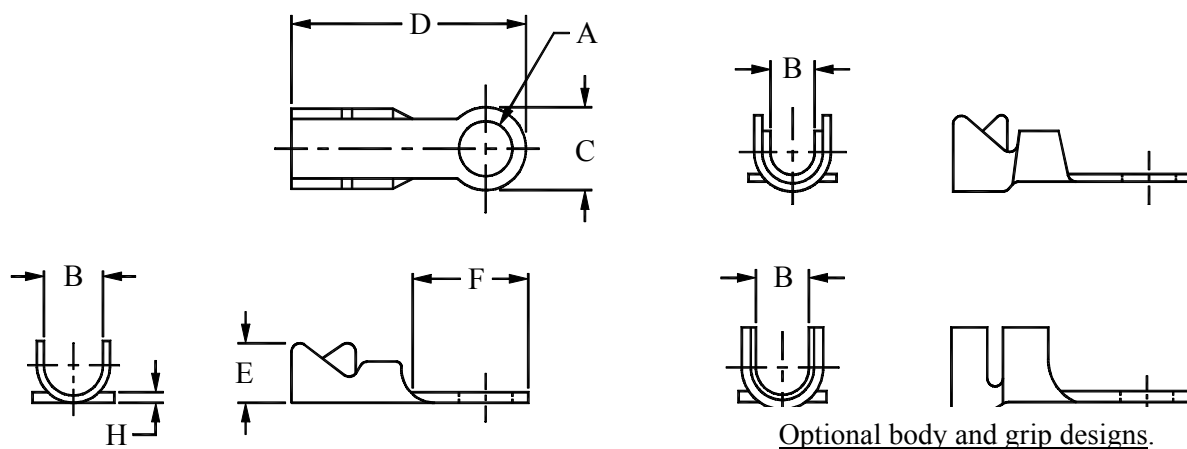


FIGURE 1. Terminal dimensions for -1 through -29.

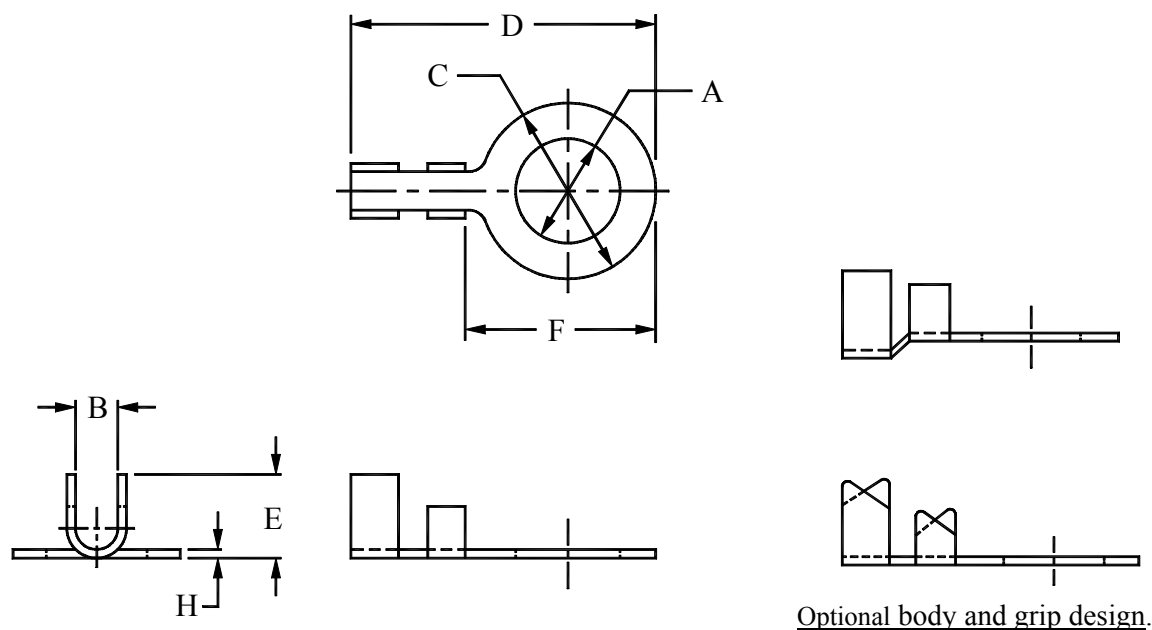
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TABLE I. Dash numbers and dimensions for -1 through -29.

Dash no.	Wire size AWG ¹ nominal	Stud size	A		B	C	D	E	F	H ±0.003	
			Min.	Max.							
1	18-20	1/4	0.258	0.285	1/8	15/32	55/64	15/64	35/64	0.032	
2		5/16	0.320	0.347							
3	14-16	4	0.115	0.127	3/16	9/32	57/64	5/16	25/64		
4		6	0.141	0.153		11/32	63/64		31/64		
5		8	0.167	0.179							
6		10	0.193	0.205		9/16	1 5/32		21/32		
7		1/4	0.258	0.285							
8		5/16	0.320	0.347		11/16	1 3/8		27/32		
9		3/8	0.383	0.410							
10	10-12	8	0.167	0.179	1/4	11/32	63/64	25/64	31/64	0.040	
11		10	0.193	0.205		9/16	1 5/32		21/32		
12		1/4	0.258	0.285							11/16
13		5/16	0.320	0.347		1 3/8	27/32				
14		3/8	0.383	0.410		1 15/32	31/32				
15		7/16	0.448	0.475		13/16	1 9/16		1 1/32		
16		1/2	0.510	0.537							
17	8	10	0.193	0.205	5/16	9/16	1 13/32	29/64	19/32	0.045	
18		1/4	0.258	0.285		11/16	1 17/32		25/32		
19		5/16	0.320	0.347							13/16
20		3/8	0.383	0.410		1 23/32	1 1/32				
21		7/16	0.448	0.475							
22	4-6	10	0.193	0.205	3/8	9/16	1 11/32	9/16	21/32		0.045
23		1/4	0.258	0.285			1 13/32		23/32		
24		5/16	0.320	0.347			1 15/32		25/32		
25		3/8	0.383	0.410		13/16	1 5/8		29/32		
26		7/16	0.448	0.475			1 23/32		1 1/32		
27		1/2	0.510	0.537		15/16	1 13/16		1 3/32		
28	0-1	3/8	0.383	0.410	7/16	15/16	2 15/32	45/64	-	0.102	
29		1/2	0.510	0.537					-		

¹American Wire Gauge.

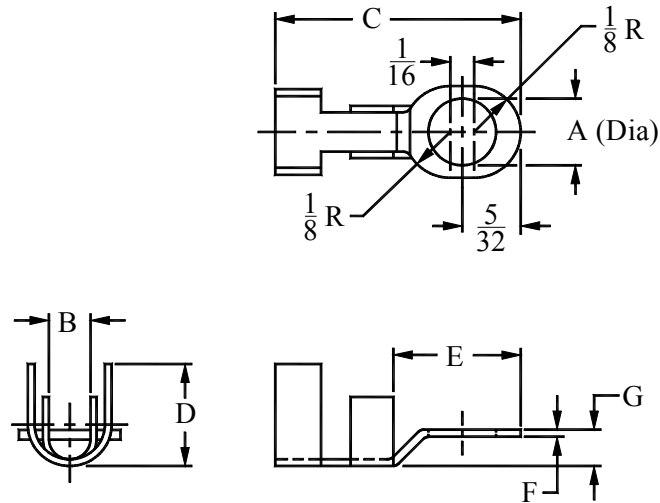
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FIGURE 2. Terminal dimensions for -30 through -43.TABLE II. Dash numbers and dimensions for -30 through -43.

Dash no.	Wire size AWG ¹ nominal	Stud size	A		B	C	D	E	F	H
			Min.	Max.						
30	10	6	0.141	0.153	1/8	9/32	21/32	7/32	21/64	0.032
31	8	8	0.167	0.179	5/32	11/32	1	9/32	15/32	0.025
32		10	0.193	0.205						
33		3/8	0.383	0.410		11/16	1 7/32			
34	6	6	0.141	0.153	3/16	1/2	1 3/32	1/4	19/32	0.032
35		8	0.167	0.179						
36		10	0.193	0.205						
37		1/4	0.258	0.285						
38	4	6	0.141	0.153	7/32	1/2	1 3/32	11/32	19/32	0.040
39		8	0.167	0.179						
40		10	0.193	0.205						
41		12	0.221	0.236						
42		1/4	0.258	0.285						
43										

¹American Wire Gauge.

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FIGURE 3. Terminal dimensions for -44.TABLE III. Dash numbers and dimensions for -44.

Dash no.	Wire size AWG ¹ nominal	Stud size	A		B	C	D	E	F ±0.003	G
			Min.	Max.						
44	12	6	0.141	0.153	3/32	11/16	9/32	11/32	0.030	5/64

¹American Wire Gauge.

REQUIREMENTS:

1. Material: Electrolytic copper strip or sheet alloy C11000, temper O60 in accordance with ASTM B 152/B 152M (DoD adopted).

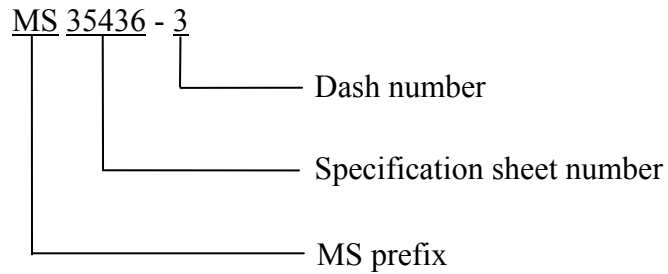
2. Finish: Tinned; electrodeposited over entire surface in accordance with ASTM B 545 (DoD adopted). Minimum thickness 0.0005 inches all over.

NOTES:

1. Dimensions are in inches.
2. Unless otherwise specified, tolerance is $\pm 1/64$.
3. Remove all burrs.
4. Referenced documents of issue in effect on date of invitation for bids shall apply.
5. In the event of a conflict between the text of this document and the references cited herein, the text of this document shall take precedence.

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6. The part or identifying number (PIN) consists of the letters MS, the specification sheet number, and a dash number taken from table I, II, or III.



CHANGES FROM PREVIOUS ISSUE: Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extent of the changes.

Custodians:

Army - CR

Navy - SH

Air Force -11

Preparing Activity:

DLA - GS2

(Project 5940-1435)

Review Activities:

Army - MI