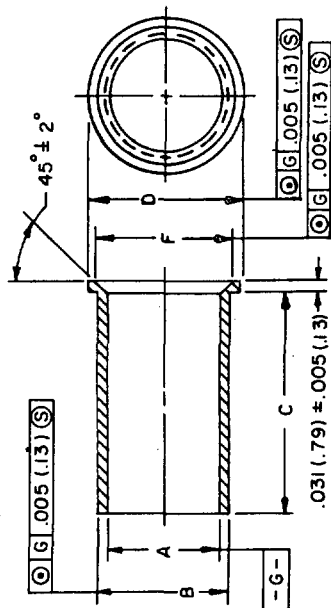


FED. SUP CLASS
5935

Army - MI
Navy - EC
Air Force - 17, 85, 99
DLA - ES

User activities:
Army - AR
Navy - MC, CG, OS
Air Force - 14, 19

Review activities:



NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only and are based upon 1.00 inch = 25.4 mm.
3. Dimensioning and tolerancing are in accordance with ANSI Y14.5-1973.
4. Metric equivalents are in parentheses.
5. Material: Copper alloy; anneal to Rockwell hardness 15T 70 maximum in accordance with ASTM E18, except that -1-6L shall be annealed to Rockwell hardness 15T 55 maximum in accordance with ASTM E18.
6. Finish: Bushings shall be silver plated to a minimum thickness of .0002 inch (.005) in accordance with QQ-S-365. A suitable underplating is permissible.
7. Surface texture: All external surfaces to be 63 or better in accordance with USAS B46.1-1962.
8. Contact bushings to be free of all burrs. Break all sharp edges .005R maximum.
9. Contact bushings -8 -10, -4 -6, and -0 -2 are for use with wire barrels conforming to MS3190, types B and C. Contact bushing -(-) -(-) L is for use with contacts MS90559 and MS90560 of MIL-C-39029/48 and /49.

Example of Part No.: MS3348 -8 -10

MS Contact wire
number barrel size size

10. For design feature purposes, this standard takes precedence over procurement documents referenced herein.
11. Referenced documents shall be of the issue in effect on date of invitations for bid.
12. See page 2 for an alternate design.

P.A. NAVY-AS
Other Cust AF-11
ARMY - EL

International
interest

TITLE

CONTACT BUSHING, ELECTRIC,
WIRE BARREL

MILITARY STANDARD

MS3348

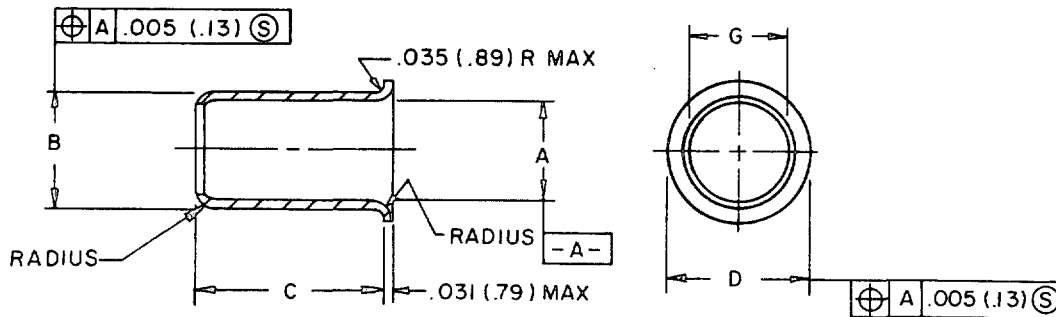
Procurement Specification

SUPERSEDES:

PAGE 1 OF 2

FED. SUP CLASS
5935User activities: Army - AR
Navy - MC, CG, OS
Air Force - 14, 19Review activities: Army - MI
Navy - EC
Air Force - 17, 25, 99
DLA - ES

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



Dash number	Contact Wire Barrel Size (Ref)	Wire Size (Ref)	A Dia Max	B +.002 (.05) - .003 (.08) Dia	C +.010 (.25) Dia	D +.016 (.41) Dia	G Dia Min
-8 -10	8	10	.146 (3.71)	.173 (4.39)	.380 (9.65)	.250 (6.35)	.136 (3.45)
-4 -6	4	6	.235 (5.79)	.272 (6.91)	.380 (9.65)	.344 (8.74)	.225 (5.71)
-0 -2	1/0	2	.369 (9.37)	.444 (11.28)	.536 (13.61)	.516 (13.11)	.359 (9.12)
(E) -1 -2L	1	2	.369 (9.37)	.396 (10.06)	.700 (17.78)	.516 (13.11)	.359 (9.12)
-4 -5L	4	5	.260 (6.60)	.272 (6.91)		.344 (8.74)	.250 (6.30)
-4 -6L	4	6	.235 (5.97)	.272 (6.91)		.344 (8.74)	.225 (6.35)
-6 -8L	6	8	.195 (4.95)	.225 (5.71)		.297 (7.54)	.185 (4.70)
-6 -9L	6	9	.165 (4.19)	.225 (5.71)		.297 (7.54)	.155 (3.94)
-1 -6L	1	6	.235 (5.97)	.396 (10.06)		.516 (13.11)	.225 (6.35)
(E) -4/0 -2/0L	4/0	2/0	.510 (12.95)	.629 (15.98)		.719 (18.26)	.500 (12.70)
(E) -4 -8L	4	8	.195 (4.95)	.272 (6.91)		.344 (8.74)	.185 (4.70)
(E) -6 -10L	6	10	.146 (3.71)	.225 (5.72)		.297 (7.54)	.136 (3.45)

APPROVED 1 JULY 1969 REVISED (E) FOR CHANGES SEE PAGES 1 & 2

P.A NAVY-AS Other Cust AF-11 ARMY-EL	International Interest	TITLE CONTACT BUSHING, ELECTRIC, WIRE BARREL	MILITARY STANDARD MS 3348
Procurement Specification		SUPERSEDES:	PAGE 2 OF 2

DD FORM 672 1 MAY 73 (Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

5935-3037