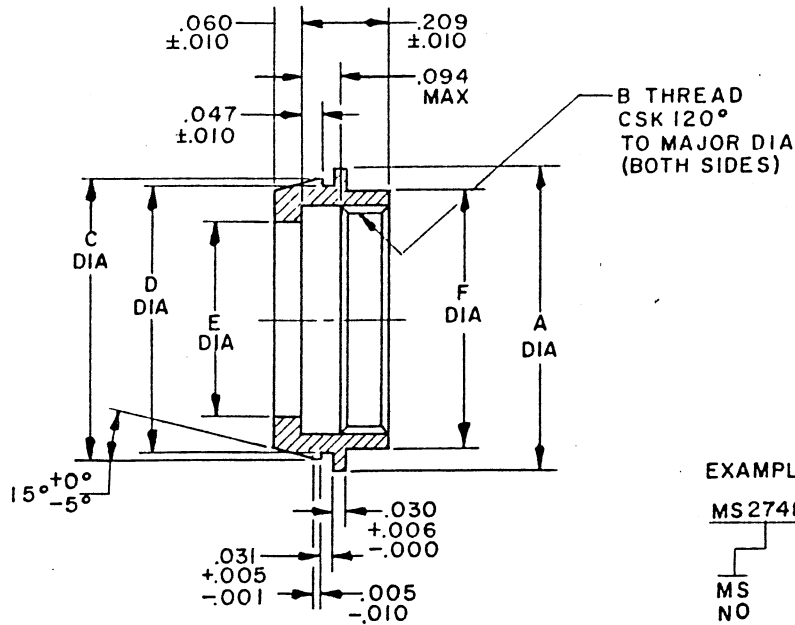


FED. SUP CLASS  
5935

User activities: Army -  
Navy -  
Air Force -

Review activities: Army - MI, MU  
Navy - EC, MC, OS  
Air Force - 11, 15, 17, 80  
DLA-ES



## EXAMPLE OF PART NUMBER

MS27485 B 12  
MS NO FINISH SHELL SIZE

SHELL SIZE	A MAX DIA	B THREAD UNEF CLASS 2B	C +.001 -.005 DIA	D +.003 -.002 DIA	E ±.005 DIA	F +.006 -.005 DIA
8	.600	.4375-28	.541	.518	.344	.500
10	.726	.5625-24	.666	.643	.472	.625
12	.850	.6875-24	.790	.767	.586	.750
14	.976	.8125-20	.915	.892	.711	.875
16	1.102	.9375-20	1.033	1.005	.836	1.000
18	1.226	1.0625-18	1.157	1.126	.942	1.125
20	1.352	1.1875-18	1.282	1.251	1.067	1.250
22	1.476	1.3125-18	1.407	1.376	1.192	1.375
24	1.602	1.4375-18	1.532	1.501	1.317	1.500

(F) CANCELED; FOR PROCUREMENT USE MIL-C-85049/58

(F) DENOTES CHANGE

P.A AF-85

International  
Interest

TITLE

RING, POTTING BOOT, ELECTRICAL  
CONNECTOR, SERIES II

MILITARY STANDARD

MS27485

Procurement Specification  
MIL-C-38999

SUPERSEDES: MS0027485 (USAF)

PAGE 1 OF 2

AMSC N/A (Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE. 5935-3681-01

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

APPROVED 8 SEPT 66 REVISED (F) 22 JULY 88

FED. SUP CLASS  
5935

Review activities: Army - MI, MU  
Navy - EC, MC, OS  
Air Force - II, I5, I7, 80  
DLA - ES

User activities: Army -  
Navy -  
Air Force -

Inches	mm	Inches	mm
.001	.03	.875	22.23
.002	.05	.892	22.66
.003	.08	.915	23.24
.005	.13	.942	23.93
.006	.15	.976	24.79
.010	.25	1.000	25.40
.030	.76	1.005	25.53
.031	.79	1.033	26.24
.047	1.19	1.067	27.10
.060	1.52	1.102	27.99
.094	2.39	1.125	28.58
.209	5.31	1.126	28.60
.344	8.74	1.157	29.39
.472	11.99	1.192	30.28
.500	12.70	1.226	31.14
.518	13.16	1.250	31.75
.541	13.74	1.251	31.78
.586	14.88	1.282	32.56
.600	15.24	1.317	33.45
.625	15.88	1.352	34.34
.643	16.33	1.375	34.93
.666	16.92	1.376	34.95
.711	18.06	1.407	35.74
.726	18.44	1.476	37.49
.750	19.05	1.500	38.10
.767	19.48	1.501	38.13
.790	20.07	1.532	38.91
.836	21.23	1.602	40.69
.850	21.59		

## NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Material; aluminum alloy.
4. Finish; see MIL-C-38999.
5. In the event of a conflict between the text of this standard and the references cited herein, the text of this standard shall take precedence.
6. Referenced Government documents of the issued listed in that issue of the Department of Defense Index of Specifications and Standards (DoDISS) specified in the solicitation form a part of this standard to the extent specified herein.

P.A AF-85

International  
interest

TITLE

RING, POTTING BOOT, ELECTRICAL  
CONNECTOR, SERIES II

MILITARY STANDARD

Other Cust  
ARMY- CR  
NAVY- AS

MS 27485

Procurement Specification  
MIL-C - 38999

SUPERSEDES:

PAGE 2 OF 2

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

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.

APPROVED 8 SEPT 66 REVISED (F) FOR CHANGES SEE PAGE I