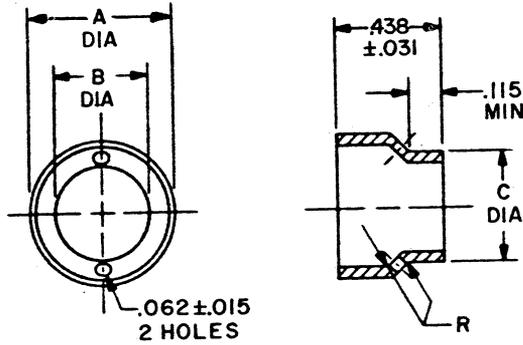


FED. SUP CLASS  
5935

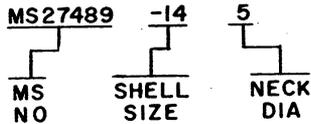
Army - MI, MU  
Navy - EC, MC, OS  
Air Force - 11, 15, 17, 80  
DSA - ES

Reviewer activities:

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.



EXAMPLE OF PART NUMBER



Ⓧ FOR CHANGES SEE SHEETS 1,2 & 3

APPROVED 8 SEP 66      REVISED Ⓧ 13 AUG 74 Ⓧ 2 JAN 1976

P.A. AF-85 Other Cust ARMY-EL NAVY-AS	International Interest	TITLE ADAPTER, REDUCER, EMR HARDWARE FOR MIL-C-38999 CONNECTORS	MILITARY STANDARD
		SUPERSEDES: MS27489 (USAF)	MS27489
Procurement Specification MIL C-38999			SHEET 1 OF 3

DD FORM 672 (Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.  
1 SEP 63

5935-2005-30

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.

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

DASH NO	A +.001 -.005 DIA	B +.010 -.001 DIA	C MAX DIA	DASH NO	A +.001 -.005 DIA	B +.010 -.001 DIA	C MAX DIA
- 81	.291	.164	.219	-181	.616	.217	.266
- 82		.172	.234	-182		.290	.344
- 83		.188	.250	-183		.343	.391
- 84				-184		.381	.430
- 85				-185		.451	.500
- 86				-186			
- 87				-187			
- 88				-188			
- 89				-189			
-101	.346	.217	.266	-201	.664	.328	.375
-102				-202		.391	.453
-103				-203		.445	.500
-104				-204		.406	.469
-105				-205		.484	.531
-106				-206		.500	.547
-107				-207			
-108				-208			
-109				-209			
-121	.441	.198	.250	-221	.738	.359	.406
-122		.217	.266	-222		.438	.484
-123		.280	.328	-223		.453	.500
-124				-224		.469	.516
-125				-225		.562	.609
-126				-226			
-127				-227			
-128				-228			
-129				-229			
-141	.506	.217	.266	-241	.796	.594	.641
-142		.290	.344	-242			
-143		.312	.359	-243			
-144		.343	.391	-244			
-145		.360	.406	-245			
-146		.387	.438	-246			
-147				-247			
-148				-248			
-149				-249			
-161	.571	.217	.266				
-162		.290	.344				
-163		.343	.391				
-164		.406	.453				
-165		.328	.375				
-166							
-167							
-168							
-169							

APPROVED 8 SEP 66 REVISED FOR CHANGES SEE SHEETS 1,2 & 3

P.A. AF-85	International interest	TITLE ADAPTER, REDUCER, EMR HARDWARE FOR MIL-C-38999 CONNECTORS	MILITARY STANDARD
Other Cust ARMY-EL NAVY-AS			MS27489
Procurement Specification MIL-C-38999	SUPERSEDES:		SHEET 2 OF 3

FED. SUP CLASS  
5935

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.

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

INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM
.001	.03	.250	6.35	.381	9.68	.506	12.85
.005	.13	.266	6.76	.387	9.83	.516	13.11
.010	.25	.280	7.11	.391	9.93	.531	13.49
.015	.38	.290	7.37	.406	10.31	.547	13.89
.031	.79	.291	7.39	.430	10.92	.562	14.27
.062	1.57	.312	7.92	.438	11.13	.571	14.50
.164	4.17	.328	8.33	.441	11.20	.594	15.09
.172	4.37	.343	8.71	.445	11.30	.609	15.47
.188	4.78	.344	8.74	.451	11.46	.616	15.65
.198	5.03	.346	8.79	.453	11.51	.641	16.28
.217	5.51	.359	9.12	.469	11.91	.664	16.87
.219	5.56	.360	9.14	.484	12.29	.738	18.75
.234	5.94	.375	9.53	.500	12.70	.796	20.22

**NOTES:**

1. Dimensions are in inches.
2. Metric equivalents (to the nearest .01 mm) are given for general information only and are based upon 1 inch = 25.4 mm.
3. Material: Copper alloy.  
Finish: Tin-lead, solder plated.
4. Accommodates MS27487.
5. For design feature purposes, this standard takes precedence over procurement documents referenced herein.
6. Referenced documents shall be of the issue in effect on date of the invitation for bid.

APPROVED 6 SEPT 66 REVISED FOR CHANGES SEE SHEETS 1, 2 & 3

P.A. AF-85  Other Cust ARMY-EL NAVY-AS	International interest	TITLE ADAPTER, REDUCER, EMR HARDWARE FOR MIL-C-38999 CONNECTORS	MILITARY STANDARD
			MS27489
Procurement Specification MIL-C-38999		SUPERSEDES:	SHEET 3 OF 3