

APPROVED 1-JUNE-1966 REVISED (A) 2 February 1972 (B) 29-JANUARY-1973 (C) 28 Aug 1974; (D) 24 Feb 1976. 1

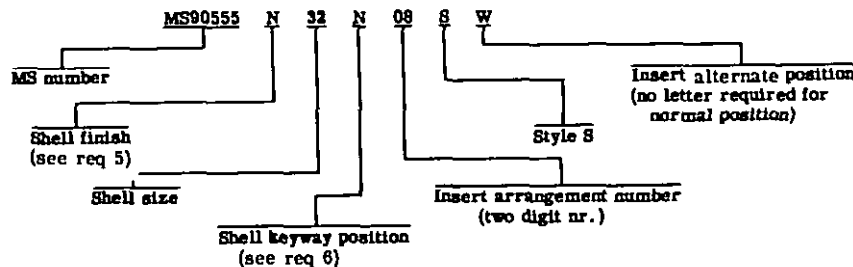
FED. SUP CLASS
5935

SIZE	A THREAD CLASS 2A	B +.020 -.010		C MAXIMUM		D DIA +.005 -.010	E DIA MAX	F ±.005
		PHASE & NEUTRAL	GROUND	PHASE & NEUTRAL	GROUND			
28	2.000-1428P-2857L	.523	.523	.913	.913	1.538	1.281	1.514
32	2.250-1428P-2857L	.523	.523	.913	.913	1.786	1.562	1.514
44	3.000-1428P-2857L	.742	.273	1.138	.663	2.545	2.239	1.733
48	3.250-1428P-2857L	.742	.273	1.156	.663	2.755	2.494	1.733
52	3.500-1428P-2857L	.742	.273	1.156	.663	3.005	2.744	1.733

SIZE	G DIA +.006 -.040	H +.001 -.010	J +.016 -.000	L ±.031	M ±.047	N DIA +.011 -.020	R (BSC)	S +.021 -.020	T ±.005	YY DIA +.010 -.006
28	1.938	1.812	2.188	1.376	.750	2.000	1.844	2.375	.177	1.692
32	2.188	2.062	2.188	1.376	.750	2.250	2.062	2.625	.209	1.942
44	3.062	2.812	2.532	1.438	.812	3.125	2.812	3.375	.281	2.692
48	3.312	3.062	2.532	1.438	.812	3.375	3.000	3.625	.281	2.911
52	3.562	3.312	2.532	1.438	.812	3.625	3.156	3.875	.281	3.161

REQUIREMENTS:

- Mates with plugs shown on standard MS90556.
- The part number shall include the size, finish, shell keyway alternate position, insert arrangement number, style S and insert alternate position as shown in the example below.



- Inserts and contacts are removable.
- For final installation contacts will be assembled in all insert holes.
- Shell and nut finish shall be designated by the letter C (conductive) or N (non-conductive).
- Normal keyway position. For alternate keyway positions see page 3.
- For insert arrangements see standards MS90565 thru MS90567, MS14054, MS14055 and MS14057.
- Covers per MS90563 shall be supplied with connector.

NOTES:

- For design feature purposes, this standard takes precedence over procurement documents referenced herein.
- Referenced documents shall be of the issue in effect on date of invitation for bid.
- Dimensions are in inches. Unless otherwise specified tolerance is $\pm .016$.
- For protective cover see standard MS90563.
- F dimension from the front of the shell to the shoulder.
- This is a depth at which a square ended gage pin of the same basic diameter as the mating pin, first engages the spring of the socket contact.

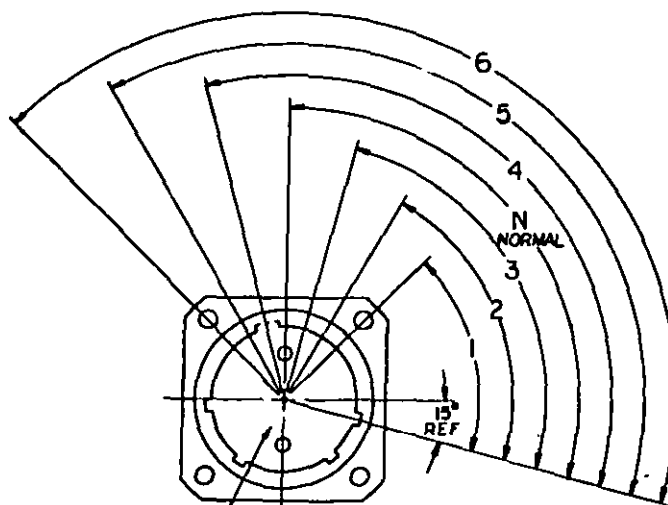
P.A. Navy- EC	International Interest	TITLE CONNECTOR, RECEPTACLE, ELECTRICAL WALL MOUNTING CLASS L (POWER SOURCE RECEPTACLE)	MILITARY STANDARD
Order Cust Army-EL AF-11			MS90555
Procurement Specification MIL-C-22992	SUPERSEDES:		PAGE 2 OF 3

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

Reviewer activities: Army-EL, MI, MU
Navy-EC, AS
Air Force-11, 17, 80, 85
DGA-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.

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FED. SUP CLASS
5935

TYPICAL SOCKET ARRANGEMENT.
NOTE THAT INSERT ARRANGEMENT DOES
NOT ROTATE WITH MAIN KEYWAY.

NON-GROUNDING ASSEMBLIES: FINISH N

SHELL SIZE	SHELL MAIN KEYWAY POSITIONS
	DC
	2 WIRE
	28V
28	N(105°)
32	
44	
48	
52	

GROUNDING ASSEMBLIES: FINISH C

SHELL SIZE	SHELL MAIN KEY POSITIONS					
	60 Hz & 400 Hz (SEE NOTE 1)					
	1 Ø		3 Ø		3 Ø (SEE NOTE 2)	
	2 WIRE		3 WIRE		3 WIRE	
	120 V	240 V	120/240 V	120/208 V	240/416 V	277/480 V
28	4 (120°)	5 (135°)	4 (120°)	4 (120°)	5 (135°)	6 (150°)
32						
44						
48						
52						

NOTES:

1. Discrimination of 60 Hz & 400 Hz assemblies is accomplished by alternate positioning of inserts. See applicable insert drawing for keying.
2. For Navy ground support equipment use only. Arrangements 44-51, 44-52, and 44-56 are not applicable.
3. Shell main key positions 2 and 3 not used.

P.A. NAVY - EC

International
InterestOther Cust
ARMY - EL
AF - II

TITLE CONNECTOR, RECEPTACLE,
ELECTRICAL WALL MOUNTING CLASS
L (POWER SOURCE RECEPTACLE)

MILITARY STANDARD

Procurement Specification
MIL-C-22982

SUPERSEDES:

MS 90555

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Reviewer activities: Army - EL, MI, MU
Navy - EC, AS,
Air Force - II, 17, 80, 85
DSA - ES

User activities: Army - MO
Navy - MC, CG, 09
Air Force - 14, 18

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