

INCH-POUND

MS27656D  
 12 July 2002  
 SUPERSEDING  
 MS27656C  
 15 April 1982

## DETAIL SPECIFICATION SHEET

CONNECTORS, RECEPTACLE, ELECTRICAL, BACK PANEL, WALL  
 MOUNTING FLANGE, CRIMP TYPE, BAYONET COUPLING, SERIES I

This specification 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 and MIL-DTL-38999.

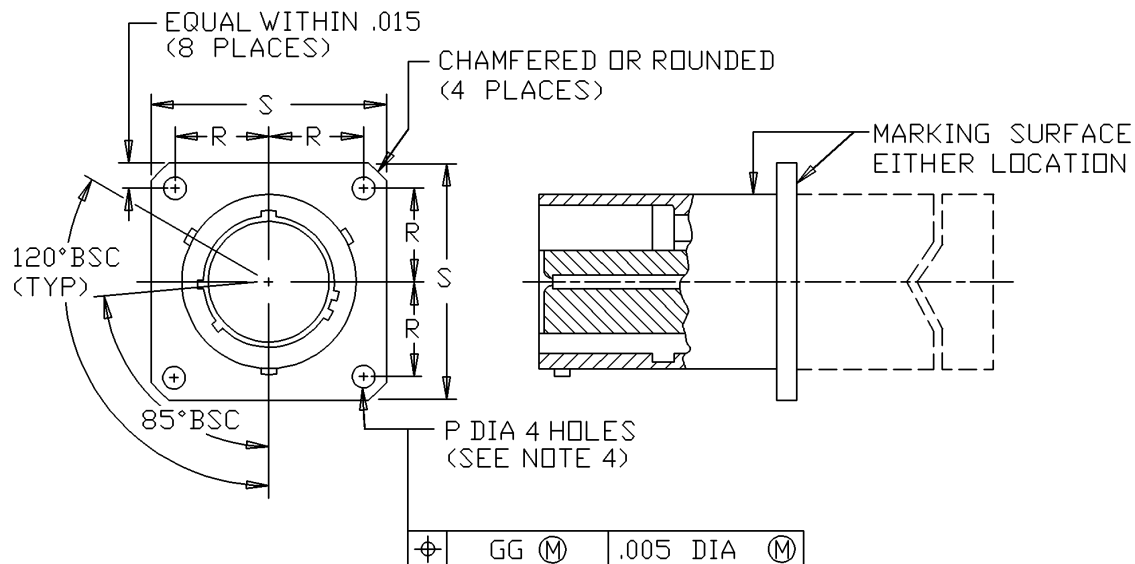
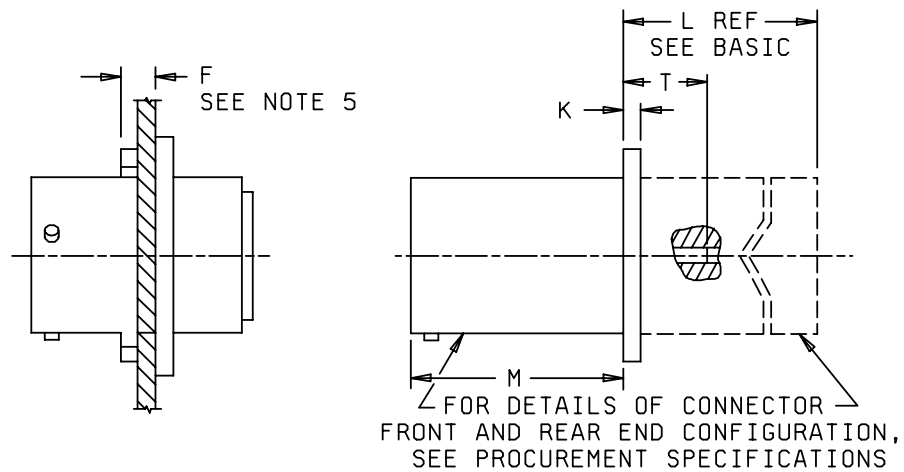


FIGURE 1. Receptacle, classes E, T and P.

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Shell size	F max	K +.015 -.000	LE max see basic	LP max see basic	LT max see basic	M +.000 -.005	P dia +.010 -.005	R BSC	S ± .020	T max
9	.234	.085	.469	.719	.469	.820	.128	.3595	.938	.156
11								.406	1.031	
13								.453	1.125	
15								.4845	1.219	
17								.531	1.312	
19								.578	1.438	
21	.204	.115	.500	.750	.500	.790	.147	.625	1.562	.188
23								.6875	1.688	
25	.193							.750	1.812	

FIGURE 1. Receptacle, classes E, T and P - Continued.

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Inches	mm	Inches	mm	Inches	mm	Inches	mm
.005	0.13	.193	4.90	.560	14.22	1.125	27.58
.007	0.18	.204	5.18	.578	14.68	1.219	30.96
.010	0.25	.234	5.94	.625	15.88	1.312	33.32
.015	0.38	.3595	9.13	.6875	17.46	1.438	36.53
.020	0.51	.406	10.31	.719	18.26	1.562	39.67
.085	0.79	.453	11.51	.750	19.05	1.688	42.88
.115	2.92	.469	11.91	.790	20.07	1.812	46.02
.128	3.25	.4845	12.31	.820	20.83		
.156	3.96	.500	12.70	.938	23.83		
.188	4.78	.531	13.49	1.031	26.19		

## NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. For main keyway and keyway positions, see MIL-DTL-38999.
4. The gauge features for GG shall be .010 (0.25 mm) smaller than the MMC size at basic location.
5. Maximum panel thickness including mounting hardware.

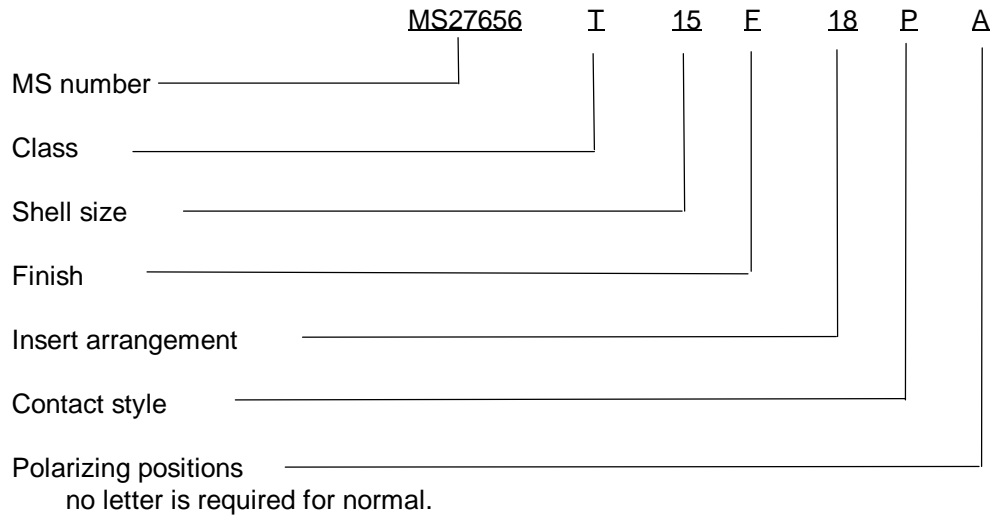
FIGURE 1. Receptacle, classes E, T and P - Continued.

## REQUIREMENTS:

Dimensions and configuration: See figure 1.  
Interface dimensions shall conform to MIL-DTL-38999.  
Mating connectors: MS27467, MS27656 and MS27661.  
Insert arrangements: See MIL-STD-1560.

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Part or Identifying Number (PIN) example:



## Specification restrictions:

Navy	Army	Air Force
Class E is inactive for new design.	For ground equipment only, class E is inactive for new design.	Classes E and P are inactive for new design.

## CONCLUDING MATERIAL

## Custodians:

Army - CR  
 Navy - AS  
 Air Force - 11  
 DLA - CC

## Preparing activity:

DLA - CC

(Project 5935-4407)

## Review activities:

Army - AR, MI  
 Navy - EC, MC, OS  
 Air Force - 19, 99