

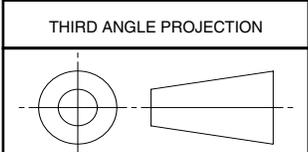
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CUSTODIAN: SAE AE-8/AE-8C1

PROCUREMENT SPECIFICATION: MIL-C-81703



AEROSPACE STANDARD

CONNECTOR, RECEPTACLE, ELECTRIC, SOLDER TYPE, WALL MTG. FLANGE, PUSH-PULL COUPLING, SERIES 1 (CLASS E, P AND J)

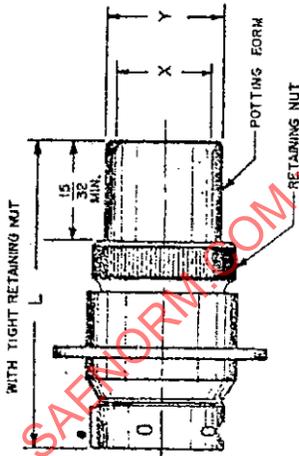
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SHEET 1 OF 4

ISSUED 2004-06

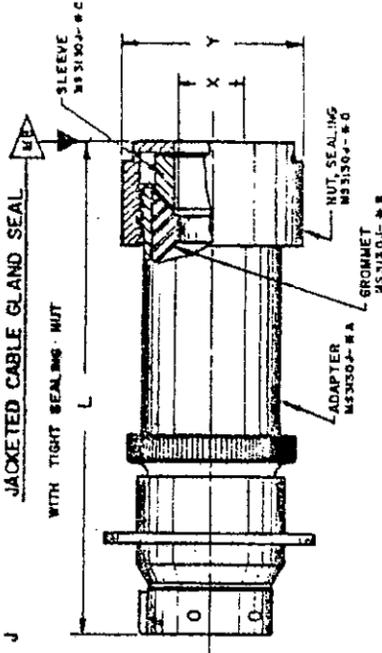
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AS31301

CLASS P POTTED SEAL



CLASS J JACKETED CABLE GLAND SEAL



SHELL SIZE DASH NO.	L LENGTH MAX.	X DIA. MIN I.D. POTTING FORM	Y DIA. MAX. O.D. POTTING FORM	CABLE SEALING		Y MAX DIA. NUT	ADAPTER	GROMMET	SLEEVE SEALING	NUT SEALING
				MIN.	MAX.					
- 3	1.641	.178	.210	.645	MS3130J-34	MS3130J-31	MS3130J-32	MS3130J-33	MS3130J-35	MS3130J-36
- 7	2.825	.381	.413	.926	MS3130J-74	MS3130J-71	MS3130J-72	MS3130J-73	MS3130J-75	MS3130J-76
- 12	3.085	.412	.444	.988	MS3130J-124	MS3130J-121	MS3130J-122	MS3130J-123	MS3130J-125	MS3130J-126
- 19	3.125	.522	.554	1.113	MS3130J-194	MS3130J-191	MS3130J-192	MS3130J-193	MS3130J-195	MS3130J-196
- 27	3.125	.600	.632	1.113	MS3130J-274	MS3130J-271	MS3130J-272	MS3130J-273	MS3130J-275	MS3130J-276
- 37	3.156	.662	.694	1.176	MS3130J-374	MS3130J-371	MS3130J-372	MS3130J-373	MS3130J-375	MS3130J-376

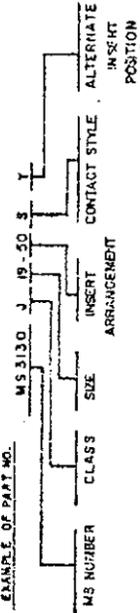
DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED.
TOLERANCE DECIMALS ±.016, ANGULAR TOLERANCE ± 1/2°

NOTES:
1. FOR CLASS J ADAPTER, SEALING NUT, SLEEVE AND GROMMET SEE SHEET 3.

MAX. CABLE WEIGHTS IN POUNDS
MAX. TALLONABLE FORCE IN DIRECTION
AS INDICATED.

SHELL SIZE	MAX. WEIGHT
- 3	2.9
- 7	4.5
- 12	6.0
- 19	8.0
- 27	12.0
- 37	12.0

EXAMPLE OF PART NO.



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