

AS31301

FEDERAL SUPPLY CLASS
5935

NOTICE

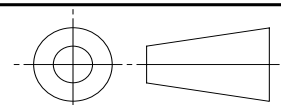
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THIRD ANGLE PROJECTION



CUSTODIAN: SAE AE-8/AE-8C1

PROCUREMENT SPECIFICATION: MIL-C-81703

SAE Aerospace
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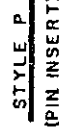
AEROSPACE STANDARD

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

AS31301
SHEET 1 OF 4

ISSUED 2004-06

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



ENTIRE STANDARD REVISED

NOTES:
1. TRUE POSITION (T.P.) TOLERANCES SPECIFIED ARE IN ACCORDANCE WITH MIL-STD 6.
2. DIMENSIONS LOCATING TRUE POSITIONS ARE BASIC.

THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID.

MS NUMBER	CLASS	SIZE	INSET	ARRANGEMENT	CONTACT	STYLE	POSITION	ATTENATE	MOPT
MS 3130	E 19-50	S	Y						

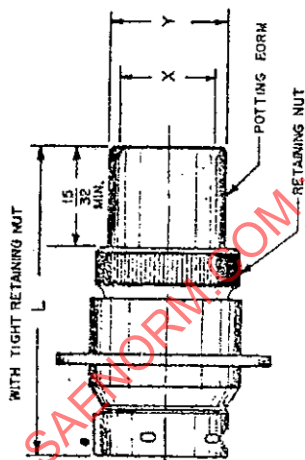
DIMENSIONS IN INCHES.
UNLESS OTHERWISE SPECIFIED, TOLERANCE: DECIMALS ±.010
ANGULAR TOLERANCE ±1/2°

AEROSPACE STANDARD

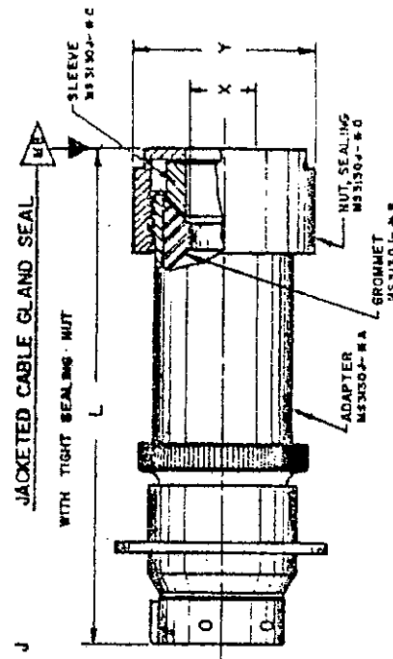
 CONNECTOR, RECEPTACLE, ELECTRIC, SOLDER
 TYPE, WALL MTG. FLANGE, PUSH-PULL COUPLING,
 SERIES 1 (CLASS E, P AND J)

AS31301
 SHEET 3 OF 4

CLASS P POTTED SEAL



CLASS J



SHELL SIZE DASH NO.	L LENGTH MAX.	X DIA. MIN. I.D. POTTING FORM	Y DIA. MAX. O.D. POTTING FORM	L LENGTH MAX.	X CABLE SEALING MIN. MAX.	Y MAX. DIA. NUT	ADAPTER MS3130J-MA	GROMMET MS3130J-MB	SLEEVE SEALING MS3130J-6C	NUT SEALING MS3130J-6D
- 3	1.641	.261	.391	1.641	.178 .210	.645	MS3130J-34	MS3130J-35	MS3130J-36	MS3130J-37
- 7	2.825	.372	.515	2.825	.381 .413	.926	MS3130J-74	MS3130J-75	MS3130J-76	MS3130J-77
- 12	3.083	.482	.630	3.083	.412 .444	.988	MS3130J-124	MS3130J-125	MS3130J-126	MS3130J-127
- 19	3.125	.602	.760	3.125	.522 .554	1.113	MS3130J-194	MS3130J-195	MS3130J-196	MS3130J-197
- 27	3.125	.725	.887	3.125	.600 .632	1.113	MS3130J-274	MS3130J-275	MS3130J-276	MS3130J-277
- 37	3.156	.857	1.047	3.156	.662 .694	1.176	MS3130J-374	MS3130J-375	MS3130J-376	MS3130J-377

 DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED.
 TOLERANCE DECIMALS .010, ANGULAR TOLERANCE $\pm 1/2^\circ$

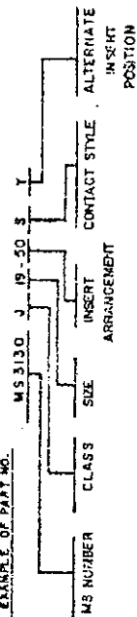
NOTES

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

 MAX. CABLE WEIGHTS IN POUNDS
 INDICATED.

SHELL SIZE	MAX. WEIGHT
- 3	2.0
- 7	2.0
- 12	4.0
- 19	4.0
- 27	8.0
- 37	12.0

EXAMPLE OF PART NO.


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