

AS31321

FEDERAL SUPPLY CLASS
5935

NOTICE

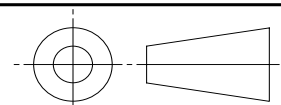
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THIRD ANGLE PROJECTION



CUSTODIAN: SAE AE-8/AE-8C1

PROCUREMENT SPECIFICATION: MIL-C-81703

SAE Aerospace
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AEROSPACE STANDARD

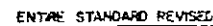
CONNECTOR, RECEPTACLE, ELECTRIC, SOLDER
TYPE, BOX MOUNTING FLANGE, PUSH-PULL
COUPLING, SERIES 1 (CLASS E AND H)

AS31321
SHEET 1 OF 3

ISSUED 2004-06

CONNECTOR, RECEPTACLE, ELECTRIC, SOLDER
TYPE, BOX MOUNTING FLANGE, PUSH-PULL
COUPLING, SERIES 1 (CLASS E AND H)

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



SHELL NO.	A MAX LENGTH SIDE	B BSC MTG. CENTERS	C MAX. DIA. FRONT	D MAX. DIA. REAR	E + .003 - .004 SHELL O.D.	F + .003 - .007 SHELL I.D.	G MTH. DIA. MTG. HOLE	H + .002 - .005 BALL HOLE SPACING	J BALL HOLE LOCATION	K POINT OF SPRING CONTACT	L INSERT SEAL I.D.	S + .003 - .004 HEIGHT OF KEY	FOR INSERT ARR. SEE DWG.
- 3	.896	.825	.578	.825	.435	.364	.632	.536	50°	138 MAX.	.244		MS 33698
- 7	1.021	.719	.831	.831	.570	.460	.698	.531		MEASURE WITH SQUARE	.370		MS 33699
- 12	1.114	.612	.828	.828	.704	.621	.635	.886		MOUSE PIM HAVING BASIC	.510	045	MS 33700
- 15	1.208	.906	.953	.953	.843	.760	.960	.904	22 1/2°		.650		MS 33701
- 27	1.302	.968	1.138	1.078	.998	.915	1.143	.859		DIAMETER OF MATING CONTACT	.803		MS 33702
- 37	1.458	1.167	1.266	1.288	1.120	1.037	1.273	1.081			.927		MS 33703

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

NOTES:

1. TRUE POSITION (T/P) TOLERANCES SPECIFIED ARE IN ACCORDANCE
2. DIMENSIONS LOCATING THESE POSITIONS ARE BASIC.

