

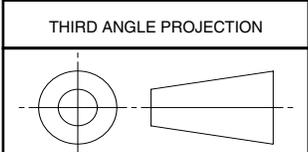
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CUSTODIAN: SAE AE-8/AE-8C1

PROCUREMENT SPECIFICATION: MIL-C-81703



**AEROSPACE STANDARD**

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

**AS31321**  
SHEET 1 OF 3

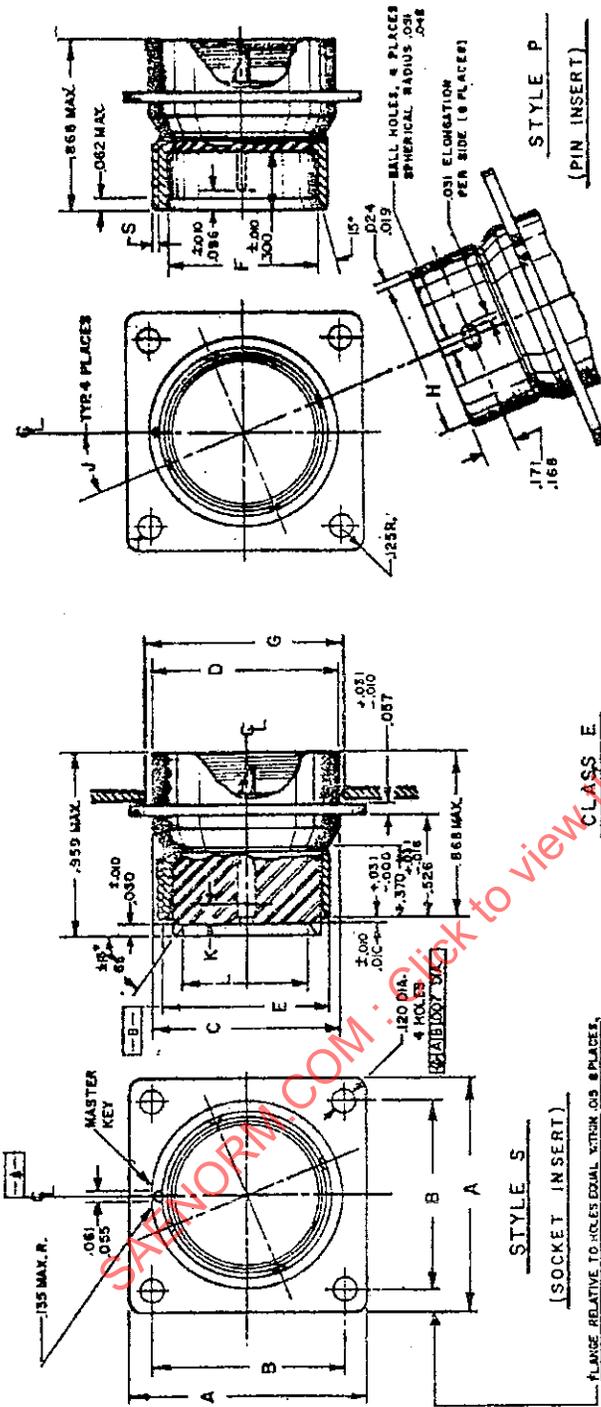
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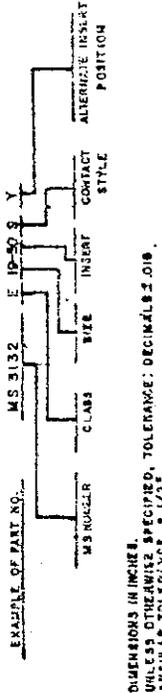
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SHELL SIZE DASH NO.	A MAX LENGTH SIDE	B BSC DIA. MTC. CENTERS	C MAX. DIA. FRONT	D MAX DIA. REAR	E SHELL D.D.	F SHELL I.D.	G MTR. DIA. MTC. HOLE	H BALL HOLE SPACING	J BALL HOLE LOCATION	K POINT OF SPRING CONTACT	L INSERT SEAL I.D.	S HEIGHT OF KEY	FOR INSERT ARR. SEE DWG.
-3	.896	.625	.578	.625	.430	.364	.632	.396	30°	.136 MAX. MEASURE WITH SQUARE NOSE PIN HAVING BASIC DIAMETER OF MATING CONTACT	.244	.003	MS 33698
-7	1.021	.719	.691	.691	.570	.460	.698	.531			.370	.004	MS 33699
-12	1.114	.812	.828	.828	.704	.621	.835	.686	22 1/2°		.510	0.45	MS 33700
-19	1.208	.906	.953	.953	.843	.760	.960	.804			.550		MS 33701
-27	1.302	.968	1.138	1.078	.998	.913	1.143	.890			.803		MS 33702
-37	1.435	1.167	1.266	1.268	1.120	1.037	1.273	1.081			.927		MS 33703

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 1. TRUE POSITION (TP) TOLERANCES SPECIFIED ARE IN ACCORDANCE WITH M.I.-STD.-8  
 2. DIMENSIONS LOCATING TIME PORTIONS ARE BASIC.



EXAMPLE OF PART NO.: MS 3132 E 1P-50 S Y

MS 3132 CLASS SIZE INSERT CONTACT STYLE

MS ROSELER CLASS SIZE INSERT CONTACT ADHERIVE INSERT POSITION

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

ENTIRE STANDARD REVISED