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AS31391™

FEDERAL SUPPLY CLASS
5935

RATIONALE

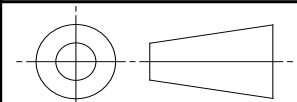
AS31391 HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

NOTIFICATION

THE REQUIREMENTS FOR ACQUIRING THE COMPONENTS DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION AND THE LATEST ISSUE OF AS81703

For more information on this standard, visit
<https://www.sae.org/standards/content/AS31391>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8/AE-8C1

PROCUREMENT SPECIFICATION: AS81703

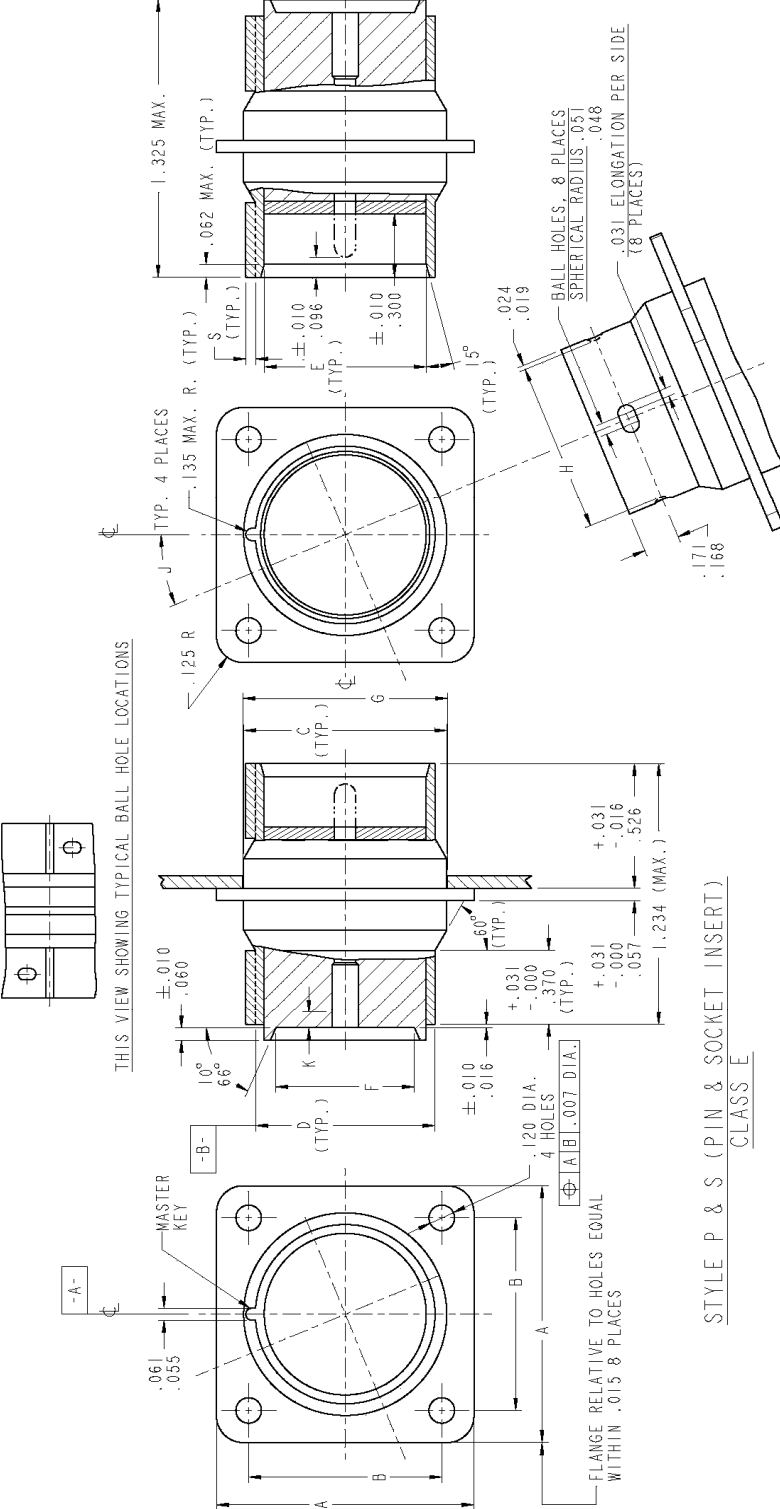


AEROSPACE STANDARD

CONNECTOR, RECEPTACLE, ELECTRIC
THRU BULKHEAD, WALL MOUNTING FLANGE,
SERIES I (CLASS E)

AS31391™
SHEET 1 OF 2





CONNECTOR IS USED ONLY FOR REPLACEMENT PURPOSES

SHELL SIZE DASH NO.	A	B	C	D	E	F	G	H	J	K	S	FOR INSERT ARRANGEMENT SEE DWG
-3	.896	.625	.578	.435	.364	.244	.632	.396	30°	POINT OF SPRING CONTACT	+ .003 - .004	MS33698
-7	1.021	.719	.691	.570	.480	.370	.698	.531		138 MAX. MEASURE WITH SQUARE NOSE PIN HAVING BASIC DIAMETER OF MATING CONTACT		MS33699
-12	1.114	.812	.826	.704	.621	.510	.835	.666	22 1/2°		.045	MS33700
-19	1.208	.906	.953	.843	.760	.650	.960	.804				MS33701
-27	1.302	.968	1.136	.998	.915	.803	1.143	.959				MS33702
-37	1.458	1.187	1.266	1.120	1.037	.927	1.273	1.081				MS33703

NOTES:

1. TRUE POSITION (T.P.) TOLERANCES ARE IN ACCORDANCE WITH MIL-STD-8.
2. DIMENSIONS LOCATING TRUE POSITIONS ARE BASIC

