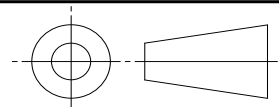


SAE Technical Standards Board Rules provide that: "This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user."

SAE reviews each technical report at least every five years at which time it may be reaffirmed, revised, or cancelled. SAE invites your written comments and suggestions.

REV. A	FEDERAL SUPPLY CLASS 5935	
	RATIONALE SAE AE-8C1 HAS REQUESTED THIS DOCUMENT BE CANCELLED BASED ON NO PROCUREMENT ACTIVITY AND NO QUALIFIED PRODUCTS LIST (QPL) SOURCES FOR THIS PRODUCT.	
SAE AS81582/10	CANCELLATION NOTICE THIS DOCUMENT HAS BEEN DECLARED "CANCELLED" AS OF NOVEMBER 2011. BY THIS ACTION, THIS DOCUMENT WILL REMAIN LISTED IN THE NUMERICAL SECTION OF THE AEROSPACE STANDARDS INDEX.	
		
SAE values your input. To provide feedback on this Technical Report, please visit http://www.sae.org/technical/standards/AS81582/10A		THIRD ANGLE PROJECTION 
CUSTODIAN: AE-8/AE-8C1		PROCUREMENT SPECIFICATION: MIL-C-81582
	AEROSPACE STANDARD CONNECTORS, ELECTRICAL, BAYONET COUPLING, ENVIRONMENT RESISTING, UMBILICAL DUMMY STOWAGE RECEPTACLE	SAE AS81582/10 SHEET 1 OF 5 REV. A

NOTICE

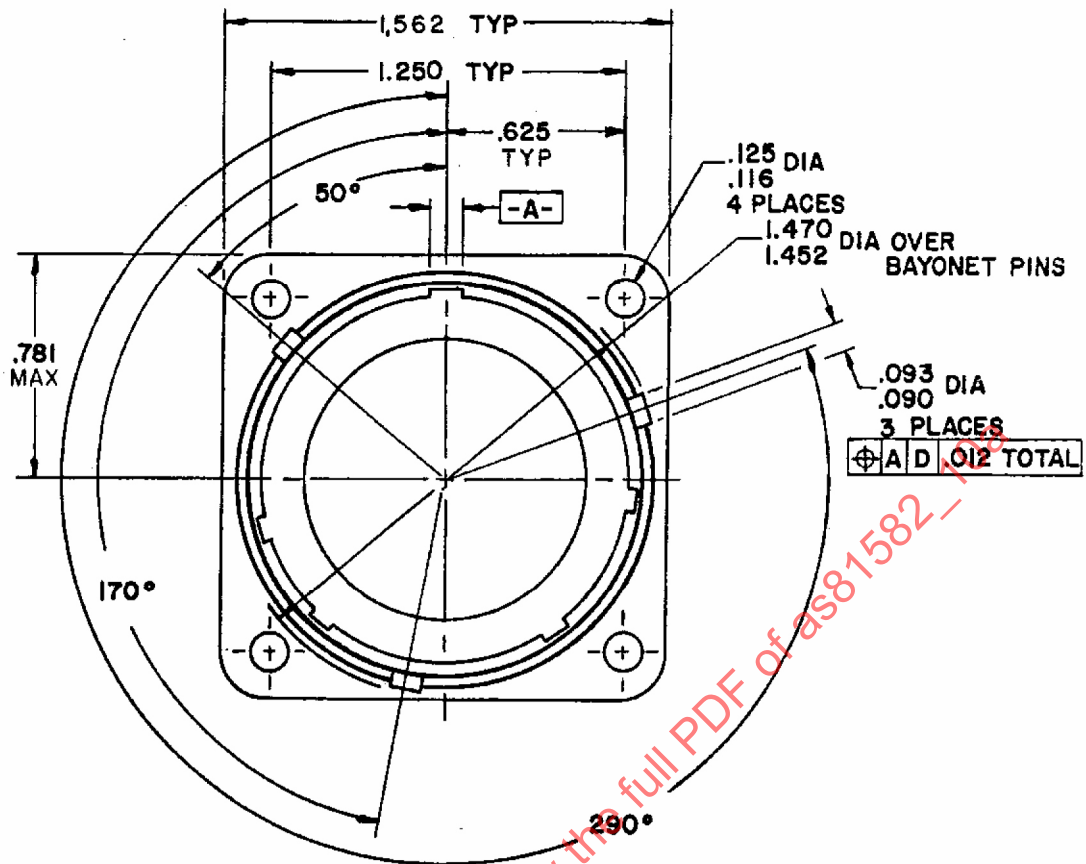
THIS DOCUMENT HAS BEEN TAKEN DIRECTLY FROM U.S. MILITARY SPECIFICATION MIL-C-81582/10 AND CONTAINS ONLY MINOR EDITORIAL AND FORMAT CHANGES REQUIRED TO BRING IT INTO CONFORMANCE WITH THE PUBLISHING REQUIREMENTS OF SAE TECHNICAL STANDARDS. THE INITIAL RELEASE OF THIS DOCUMENT IS INTENDED TO REPLACE MIL-C-81582/10. ANY PART NUMBERS ESTABLISHED BY THE ORIGINAL SPECIFICATION REMAIN UNCHANGED.

THE ORIGINAL MILITARY SPECIFICATION WAS ADOPTED AS AN SAE STANDARD UNDER THE PROVISIONS OF THE SAE TECHNICAL STANDARDS BOARD (TSB) RULES AND REGULATIONS (TSB 001) PERTAINING TO ACCELERATED ADOPTION OF GOVERNMENT SPECIFICATIONS AND STANDARDS. TSB RULES PROVIDE FOR (A) THE PUBLICATION OF PORTIONS OF UNREVISED GOVERNMENT SPECIFICATIONS AND STANDARDS WITHOUT CONSENSUS VOTING AT THE SAE COMMITTEE LEVEL, AND (B) THE USE OF THE EXISTING GOVERNMENT SPECIFICATION OR STANDARD FORMAT.

UNDER DEPARTMENT OF DEFENSE POLICIES AND PROCEDURES, ANY QUALIFICATION REQUIREMENTS AND ASSOCIATED QUALIFIED PRODUCTS LISTS ARE MANDATORY FOR DOD CONTRACTS. ANY REQUIREMENT RELATING TO QUALIFIED PRODUCTS LISTS (QPL'S) HAS NOT BEEN ADOPTED BY SAE AND IS NOT PART OF THIS TECHNICAL REPORT.

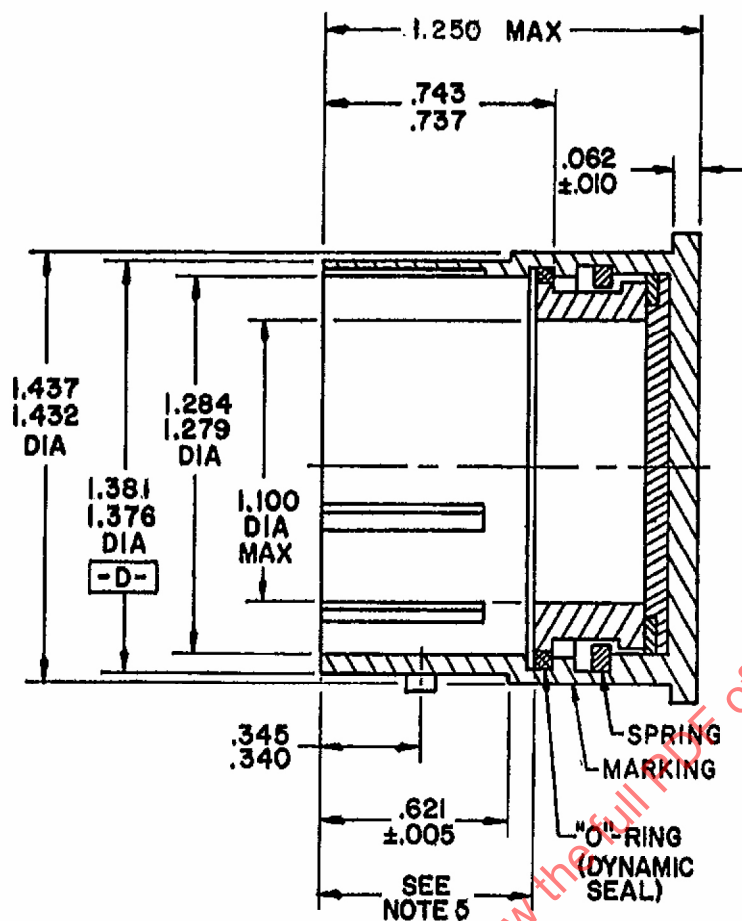
SAENORM.COM : Click to view the full PDF of as81582_100

 An SAE International Group	AEROSPACE STANDARD	SAE AS81582/10 SHEET 2 OF 5	REV. A
	CONNECTORS, ELECTRICAL, BAYONET COUPLING, ENVIRONMENT RESISTING, UMBILICAL DUMMY STOWAGE RECEPTACLE		



SAENORM.COM : Click to view the full PDF of as81582-10

SAE Aerospace An SAE International Group	AEROSPACE STANDARD CONNECTORS, ELECTRICAL, BAYONET COUPLING, ENVIRONMENT RESISTING, UMBILICAL DUMMY STOWAGE RECEPTACLE	SAE AS81582/10 SHEET 3 OF 5	REV. A
--	--	---------------------------------------	-------------------------



INCHES	MM
.005	.13
.010	.25
.062	1.57
.090	2.29
.093	2.36
.116	2.95
.125	3.18
.340	8.64
.345	8.76
.621	15.77
.625	15.88
.737	18.72
.743	18.87
.781	19.84
1.100	27.94
1.250	31.75
1.279	32.49
1.284	32.61
1.376	34.95
1.381	35.08
1.432	36.37
1.437	36.50
1.452	36.88
1.470	37.34
1.562	39.67

NOTES:

1. DIMENSIONS ARE IN INCHES AND AFTER PLATING.
2. METRIC EQUIVALENTS (TO THE NEAREST .01 MM) ARE GIVEN FOR GENERAL INFORMATION ONLY AND ARE BASED UPON 1 INCH = 25.4 MM.
3. REMOVE ALL BURRS AND SHARP EDGES.
4. TRUE POSITION (TP) TOLERANCES SPECIFIED ARE FOR MAXIMUM MATERIAL CONDITIONS (MMC).
5. DIMENSION FROM SPRING LOADED SLEEVE TO END OF SHELL, .700 MAXIMUM IN FREE CONDITION, .800 MINIMUM WHEN SPRING IS FULLY COMPRESSED.