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**REV. A**  
**AS90376**

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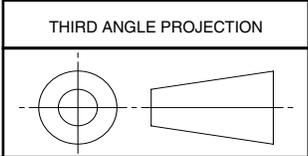
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CUSTODIAN: SAE AE-8/AE-8C2

	<b>AEROSPACE STANDARD</b>		<b>AS90376</b>	<b>REV. A</b>
	CAP, DUST, PLASTIC, ELECTRIC CONNECTOR			

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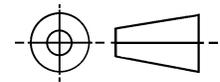
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THIRD ANGLE PROJECTION



PREPARED BY SAE SUBCOMMITTEE AE-8C2

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**AEROSPACE STANDARD**

CAP, DUST, PLASTIC,  
ELECTRIC CONNECTOR

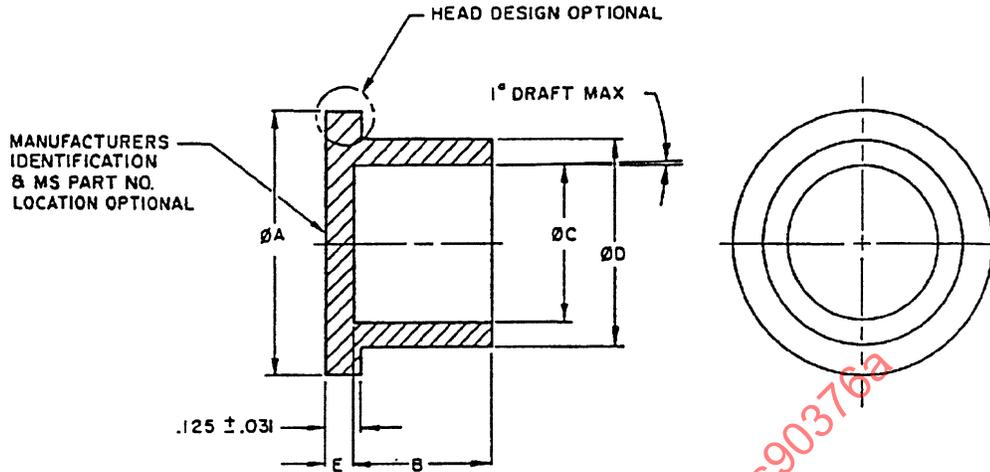
**AS90376**  
SHEET 1 OF 3

**REV.  
A**

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THE REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE DODISS SPECIFIED IN THE SOLICITATION: MIL-C-5501.



DASH NO. 1/	Ø A ±.031	B ±.031	Ø C ±.010	Ø D ±.010	E ±.010	SUPERSEDES
-8Y	.670	.625	.413	.483	.040	MS25177-8
-8R	.740	.500	.480	.540	.040	MS25178-8
-10Y	.750	.625	.530	.595	.040	MS25177-10
-10R	.840	.500	.605	.665	.040	MS25178-10
-12Y	.860	.625	.655	.715	.040	MS25177-12
-12R	.970	.500	.720	.775	.040	MS25178-12
-14Y	1.031	.625	.785	.845	.045	MS25177-14
-14R	1.125	.500	.850	.905	.045	MS25178-14
-16Y	1.125	.625	.893	.963	.045	MS25177-16
-16R	1.220	.500	.973	1.035	.045	MS25178-16
-18Y	1.250	.625	1.028	1.088	.045	MS25177-18
-18R	1.330	.562	1.093	1.155	.045	MS25178-18
-20Y	1.408	.625	1.150	1.215	.050	MS25177-20
-20R	1.485	.562	1.211	1.271	.050	MS25178-20
-22Y	1.500	.625	1.270	1.340	.050	MS25177-22
-22R	1.590	.562	1.340	1.410	.050	MS25178-22
-24Y	1.640	.625	1.390	1.460	.050	MS25177-24
-24R	1.700	.562	1.463	1.533	.050	MS25178-24
-25Y	1.810	.625	1.540	1.580	.050	-----
-28Y	1.875	.625	1.648	1.718	.055	MS25177-28
-28R	1.950	.562	1.715	1.790	.055	MS25178-28
-32Y	2.125	.625	1.890	1.970	.055	MS25177-32
-32R	2.220	.562	1.965	2.040	.055	MS25178-32
-36Y	2.340	.625	2.140	2.210	.055	MS25177-36
-36R	2.435	.600	2.215	2.290	.055	MS25178-36
-40Y	2.600	.625	2.330	2.450	.060	MS25177-40
-40R	2.660	.600	2.440	2.530	.060	MS25178-40
-44Y	2.875	.625	2.630	2.700	.060	MS25177-44
-44R	2.960	.600	2.720	2.812	.060	MS25178-44
-48Y	3.125	.625	2.880	2.960	.060	MS25177-48
-48R	3.225	.600	2.960	3.050	.060	MS25178-48

1/ THE Y OR R SHALL BE FOLLOWED BY B FOR CONDUCTIVE CAPS.

REQUIREMENTS:

1. MATERIAL TYPE:

- A. POLYETHYLENE, L-P-390, TYPE I, CLASS L, GRADE OPTIONAL.
- B. ELECTROSTATIC FREE MATERIAL CONFORMING TO MIL-B-81705, TYPE II.
- C. CONDUCTIVE MATERIAL CONFORMING TO MIL-B-81705, TYPE I.

2. COLOR CODING:

Y = YELLOW, R = RED. COLORS IN ACCORDANCE WITH MIL-STD-104.  
Y8, R8 - BLACK COLOR FOR CONDUCTIVE CAPS ONLY.

3. THE PART NUMBER SHALL BE MARKED ON EACH CAP WITH RAISED CHARACTERS.

4. THE MANUFACTURERS' IDENTIFICATION SHALL CONSIST OF MANUFACTURER'S SYMBOL, TRADEMARK OR SOURCE CODE.