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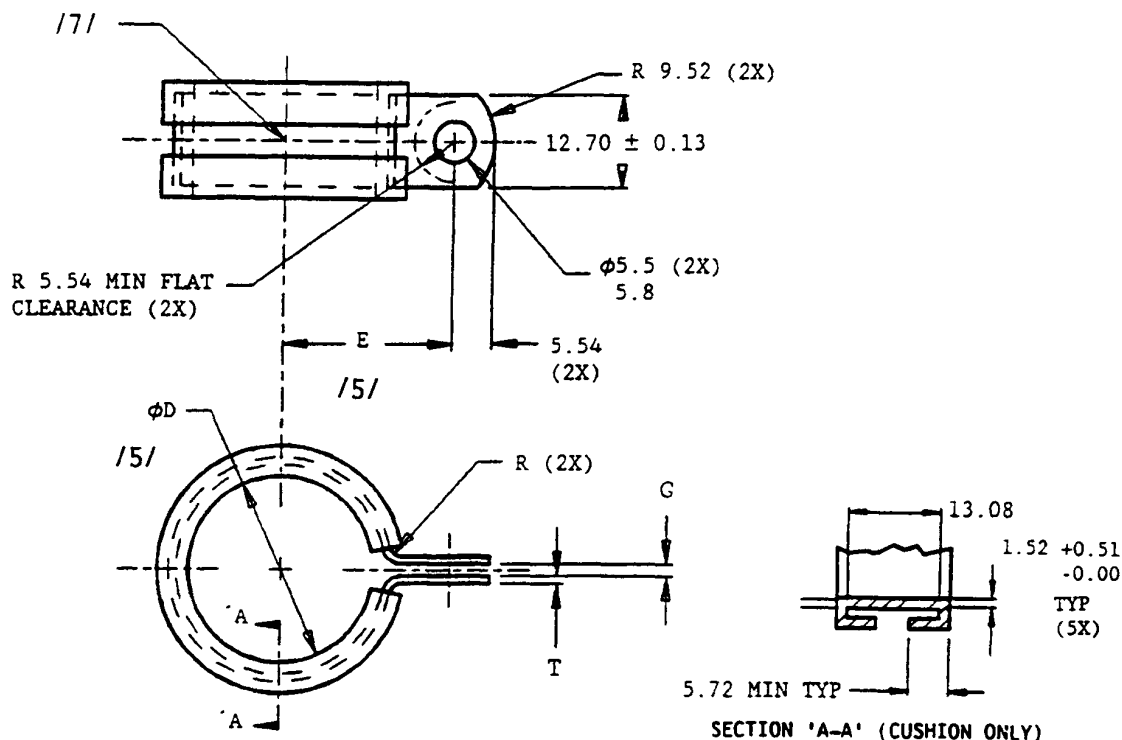
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MA2156/3

FEDERAL SUPPLY CLASS
5340

RATIONALE

MA2156/3 HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.



NOTE: GEOMETRIC DIMENSIONING AND TOLERANCING ARE SUBJECT TO INTERPRETATION OF ANSI 14.5M-1982.

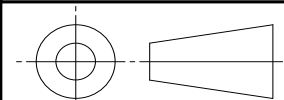
FIGURE 1

TABLE 1 - DIMENSIONAL TABULATION

ØD Coded In One Millimeter Increments Ref	E	G	R	T
	15/			
Tolerance	±0.38	+0.79 -0.00	±0.38	Per Spec
006 to 012	(D/2) + 10.21	1.57	1.57	0.813
013 to 026	(D/2) + 10.41	1.57	1.57	1.016
027 to 051	(D/2) + 12.44	3.18	3.43	1.295
052 to 102	(D/2) + 13.56	3.18	3.43	1.626

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<http://www.sae.org/technical/standards/MA2156/3>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3E

PROCUREMENT SPECIFICATION: MA2150



AEROSPACE STANDARD

CLAMP, CENTER MOUNT, CUSHIONED,
HIGH TEMPERATURE, METRIC

MA2156/3
SHEET 1 OF 4

Documents

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GENERAL NOTES:

1. MATERIALS: BAND - 321 STAINLESS STEEL, ANNEALED, PER AMS-5510

CUSHION - FABRIC REINFORCED SILICONE RUBBER, 65-75 DUROMETER (ON UNREINFORCED MATERIAL), COLOR LIGHT BLUE, PER MA2150 WITH ADDITIONAL REQUIREMENTS SHOWN ON THIS SPECIFICATION SHEET. THE FABRIC REINFORCING MATERIAL SHALL BE MOLDED INTO THE BAND SIDE OF THE CLAMP CUSHION AT 0.785 RADIAN (45°) ANGLE (SEE FIGURE 2)

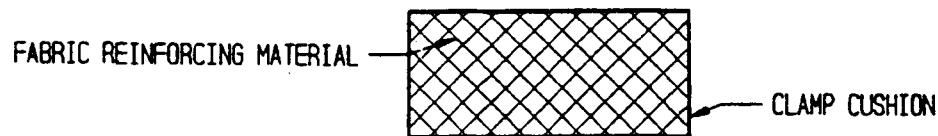


FIGURE 2 - CUSHION REINFORCEMENT

CUSHION REQUIREMENTS: 1. PHYSICAL PROPERTIES - AS SPECIFIED IN TABLE 2. UNLESS OTHERWISE SPECIFIED RESULTS ARE AN AVERAGE OF 5 SPECIMENS AND TOLERANCE ON TEMPERATURE IS ($\pm 2.8^{\circ}\text{C}$).

2. COMPRESSION SET - SEE MA2150, PARAGRAPH 4.5.3.2

3. FLAMMABILITY - SEE MA2150, PARAGRAPH 4.5.3.3.2, VERTICAL BURN TEST

2. HEAT TREATMENT: NONE

3. BAND AND BASE HARDNESS: 90 HRB

4. FINISH: BAND - PASSIVATE PER QQ-P-35

CUSHION - NONE

/5/ "D" DIAMETER IS THE SIZE A CLAMP IS INTENDED FOR USE. "D" DIAMETER AND DIMENSION "E" SHALL BE MEASURED WITH THE CLAMP INSTALLED ON A MANDREL OF "D" DIA ± 0.025 AND A SPACER EQUAL TO "G" ± 0.013 BETWEEN UPPER AND LOWER FOOT AS SHOWN.

6. PROCUREMENT SPECIFICATION: MA2150 (EXCEPT VIBRATION TEST)

/7/ IDENTIFICATION: MARK THE COMPLETE STANDARD PART NUMBER AND MANUFACTURER'S NAME, TRADEMARK OR CAGE NUMBER ON THE BAND ABOVE THE THEORETICAL CENTERLINE IN AN AREA NOT COVERED BY CUSHION PER AS478 (2A1)

	AEROSPACE STANDARD	MA2156/3	
	CLAMP, CENTER MOUNT, CUSHIONED, HIGH TEMPERATURE, METRIC	SHEET 2 OF 4	



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