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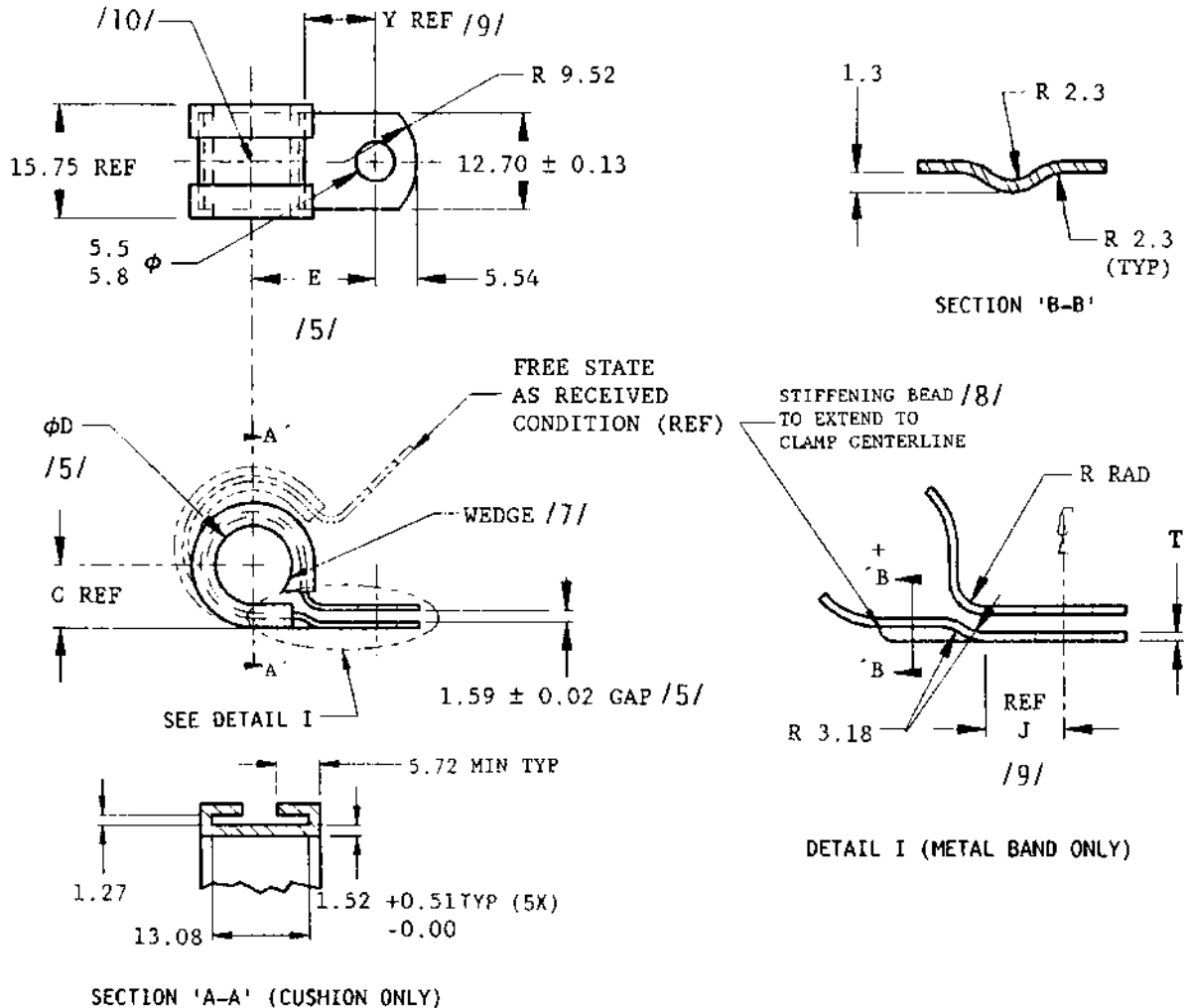
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MA2150/1

FEDERAL SUPPLY CLASS
5340

RATIONALE

MA2150/1 HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

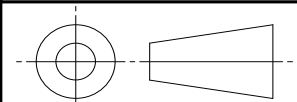


NOTE: GEOMETRIC DIMENSIONING AND TOLERANCING ARE SUBJECT TO INTERPRETATION OF ANSI 14.5M-1982.

FIGURE 1

SAE values your input. To provide feedback
on this Technical Report, please visit
<http://www.sae.org/technical/standards/MA2150/1>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3E

PROCUREMENT SPECIFICATION: MA2150



AEROSPACE STANDARD

CLAMP, LOOP STYLE, CUSHIONED, WITH WEDGE,
HYDROCARBON FLUID RESISANT, METRIC

MA2150/1
SHEET 1 OF 5

Documents

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TABLE 1 - DIMENSIONAL TABULATION

Size Code	Ø D Nom mm Tolerances	C Ref	E ±0.38	J Ref	R Rad ±0.25	T Per Spec	Y Ref
03	3.2	5.16	11.89	5.97	2.29	0.51	8.26
04	4.0	5.56	12.29	5.97	2.29	0.51	8.26
05	5.0	6.06	12.79	5.97	2.29	0.51	8.26
06	6.0	6.56	13.29	5.97	2.29	0.51	8.26
08	8.0	7.56	14.29	5.97	2.29	0.51	8.26
10	10.0	8.56	15.29	5.97	2.29	0.51	8.26
12	12.0	9.56	16.29	5.97	2.29	0.51	8.26
14	14.0	10.86	18.68	6.50	3.18	0.81	9.35
15	15.0	11.36	19.18	6.50	3.18	0.81	9.35
16	16.0	11.86	19.68	6.50	3.18	0.81	9.35
18	18.0	12.86	20.68	6.50	3.18	0.81	9.35
20	20.0	13.86	21.68	6.50	3.18	0.81	9.35
22	22.0	14.86	22.68	6.50	3.18	0.81	9.35
25	25.0	16.36	24.18	6.50	3.18	0.81	9.35
28	28.0	18.06	25.94	6.65	3.18	1.02	9.40
32	32.0	20.06	27.94	6.65	3.18	1.02	9.40
36	36.0	22.06	29.94	6.65	3.18	1.02	9.40
38	38.0	23.06	30.94	6.65	3.18	1.02	9.40
40	40.0	24.06	31.94	6.65	3.18	1.02	9.40

GENERAL NOTES:

1. MATERIALS: BAND - 17-7PH, CORROSION RESISTANT STEEL PER AMS-5528, ANNEALED

CUSHION - NITRILE BUTADIENE RUBBER, 65-75 DUROMETER, COLOR YELLOW, PER MA2150
WITH ADDITIONAL REQUIREMENTS SHOWN BELOW.

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 ($\pm 2.8^{\circ}\text{C}$). UNLESS OTHERWISE SPECIFIED PROPERTY MEASUREMENTS SHALL BE PERFORMED IMMEDIATELY AFTER REMOVAL FROM THE IMMERSION BATHS.

2. OZONE RESISTANCE - REQUIRED PER MA2150

3. COMPRESSION SET - SEE MA2150
- AIR AGE AT 100°C
- NOT TO EXCEED 55% AVERAGE OF 3 SPECIMENS

4. FLAMMABILITY - SEE MA2150
- SPECIMENS: SIZE (-25) CLAMP ASSEMBLIES UNBENT
UNTIL FLAT
- VERTICAL BURN TEST



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