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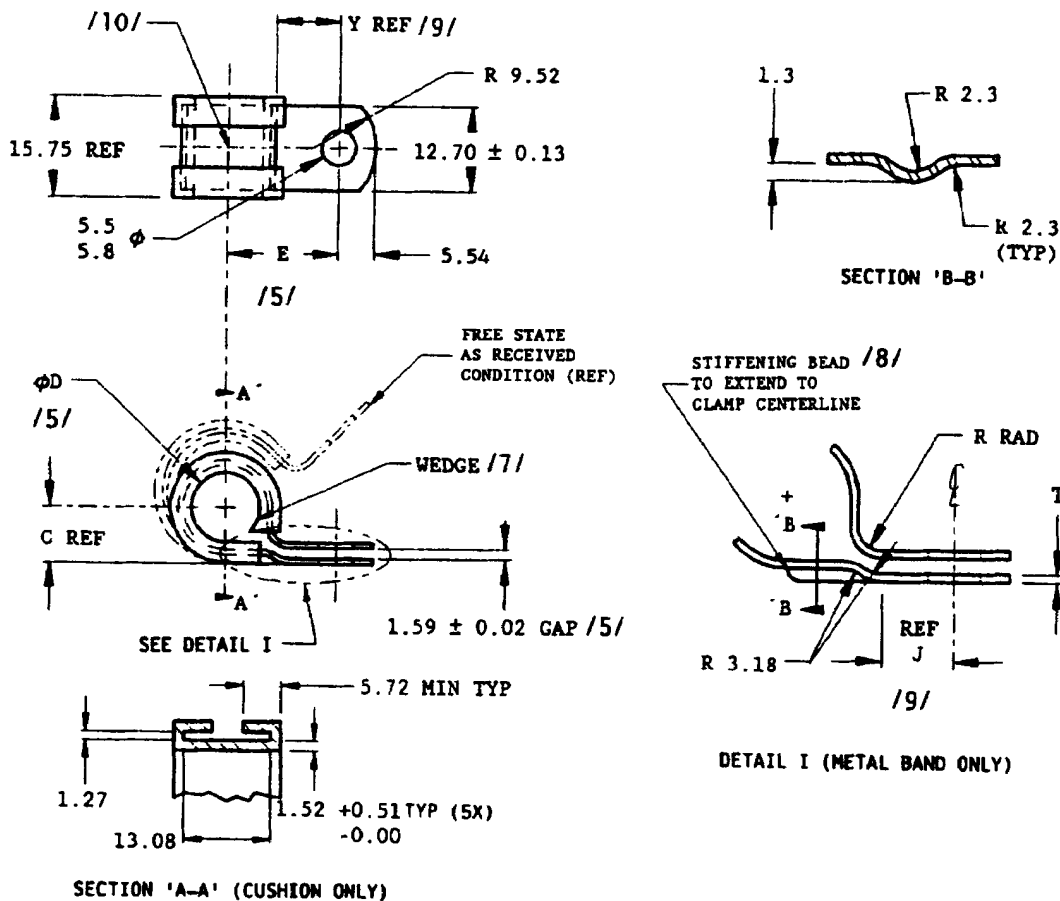
REV.
A

MA2150™/3

FEDERAL SUPPLY CLASS
5340

RATIONALE

TABLE 2 TEAR STRENGTH CHANGED TO 52.54 KN/M TO COINCIDE WITH EQUIVALENT PPI VALUE SPECIFIED ON MIL-DTL-85052/3 AND AMS3316. TABLE 2 AND NOTES BELOW TABLE 2 REDRAWN. REVISION INDICATOR NOTE AND DISPOSITION OF EXISTING INVENTORY NOTE 17 ADDED.

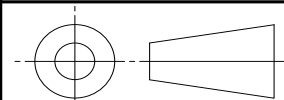


NOTE: GEOMETRIC DIMENSIONING AND TOLERANCING ARE SUBJECT TO INTERPRETATION OF ANSI 14.5M-1982.

FIGURE 1

For more information on this standard, visit
<https://www.sae.org/standards/content/MA2150/3A/>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3E

PROCUREMENT SPECIFICATION: MA2150



METRIC AEROSPACE STANDARD

CLAMP, LOOP STYLE, CUSHIONED, WITH
WEDGE, HIGH TEMPERATURE, METRIC

MA2150™/3
SHEET 1 OF 4

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TABLE 1 - DIMENSIONAL TABULATION

Size Code	ϕ 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

NOTES:

1. MATERIALS: BAND - 17-7PH, CORROSION RESISTANT STEEL PER AMS5528 OR AMS5529, ANNEALED.

CUSHION - FABRIC REINFORCED SILICONE RUBBER, 65-75 DUROMETER (ON UNREINFORCED MATERIAL), COLOR LIGHT BLUE, PER AMS3316 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).

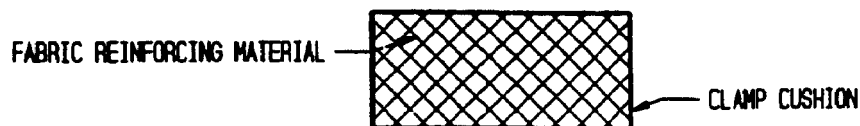


FIGURE 2 - CUSHION REINFORCEMENT

CUSHION REQUIREMENTS:

1. PHYSICAL PROPERTIES - AS SPECIFIED IN TABLE 2. UNLESS OTHERWISE SPECIFIED, RESULTS ARE AN AVERAGE OF FIVE SPECIMENS AND TOLERANCE ON TEMPERATURE IS 2.8 °C.
2. COMPRESSION SET TEST - REFER TO MA2150.
3. FLAMMABILITY - REFER TO MA2150, VERTICAL BURN TEST.

	METRIC AEROSPACE STANDARD		MA2150™/3 SHEET 2 OF 4	REV. A
	CLAMP, LOOP STYLE, CUSHIONED, WITH WEDGE, HIGH TEMPERATURE, METRIC			



