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AEROSPACE STANDARD

SAE AS5258/7 REV. A

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Cancelled 2011-02

Insulating Components, Molded, Electrical, Heat Shrinkable, Transition, Strain Relief and Sealing, T

RATIONALE

Revised to coincide with the supersession data defined in the AS85049/142 detail specification.

CANCELLATION NOTICE

This document has been declared “CANCELLED” as of February 2011 and has been superseded by AS85049/142. By this action, this document will remain listed in the Numerical Section of the Aerospace Standards Index noting that it is superseded by AS85049/142.

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1. SCOPE:

The complete requirements for acquiring the molded components described herein shall consist of this document and the latest issue of AS5258.

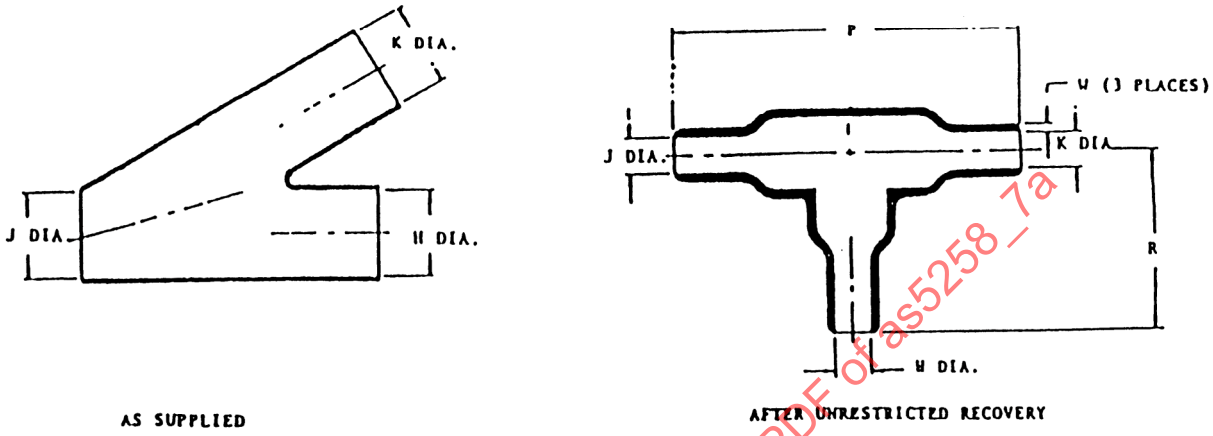

FIGURE 1

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TABLE 1 - Dimensions

Dash No.	H, J, K Diameter As Supplied - Minimum	H, J, K Diameter As Recovered - Maximum	As Recovered P ±10%	As Recovered R ±10%	As Recovered W ±10%
01	.26 (6.6)	.14 (3.6)	1.17 (29.7)	.58 (14.7)	.04 (1.02)
02	.52 (13.2)	.27 (6.9)	2.31 (58.7)	1.16 (29.5)	.06 (1.52)
03	1.06 (26.9)	.53 (13.5)	4.73 (120.1)	2.20 (56)	.098 (2.5)
04	2.19 (55.6)	1.19 (30.2)	9.70 (246.4)	4.85 (123.2)	.12 (3.05)

NOTES:
1. All dimensions are in inches (mm)
2. H and J diameters are reduced by .06 when coating is added.

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TABLE 2 - Available Materials

Material Designator	Material 1/	Operating Temperature Range	Continuous Color Stripe 2/	Shrink Temperature 3/
A	Semirigid polyolefin	-55 to +135 °C (-67 to +275 °F)	White	121 °C (250 °F)
B	Flexible polyolefin	-55 to +135 °C (-67 to +275 °F)	Red	100 °C (212 °F)
C	Silicone	-75 to +135 °C (-103 to +275 °F)	---	175 °C (347 °F)
D	Fluoroelastomer	-55 to +200 °C (-67 to +392 °F)	Yellow	175 °C (347 °F)
E	Fluoropolymer	-55 to +150 °C (-67 to +302 °F)	---	175 °C (347 °F)
G	Polyolefin, halogen free	-40 to +105 °C (-40 to +221 °F)	---	135 °C (275 °F)
H	Elastomeric, semi-rigid	-75 to +150 °C (-103 to +302 °F)	---	175 °C (347 °F)

1/ Optional adhesive applied on inside surface shall be described by its specification or drawing number.
2/ Components shrink upon application of heat in excess of values listed in Table 2.

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