

Issued	1998-10
Reaffirmed	2004-07
Cancelled	2011-02

Insulating Components, Molded, Electrical,
Heat Shrinkable, Transition, Strain Relief and Sealing, 1 to 3

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This document has been declared "CANCELLED" as of February 2011 and has been superseded by AS85049/142.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action, this document will remain listed in the Numerical Section of the Aerospace Standards Index noting that it is superseded by AS85049/142.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

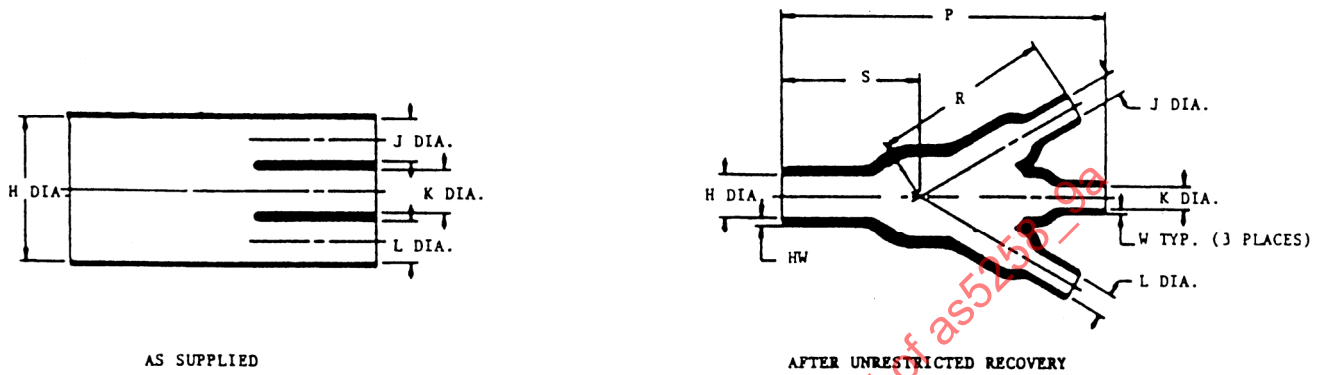


FIGURE 1

TABLE 1 - Dimensions

Dash No.	H Diameter As Supplied - As Recovered - Minimum Maximum	H Diameter As Supplied - As Recovered - Minimum Maximum	J, K, L Diameters As Supplied - As Recovered - Minimum Maximum	J, K, L Diameters As Supplied - As Recovered - Minimum Maximum	As Recovered P ±10%	As Recovered R Ref.	As Recovered S Ref.	As Recovered HW ±20%	As Recovered W ±20%
01	.52 (13.2)	.26 (6.6)	.26 (6.6)	.14 (3.6)	1.82 (46.2)	1.00 (25.4)	.82 (20.8)	.08 (2.0)	.04 (1.0)
02	1.06 (26.9)	.53 (13.5)	.51 (13)	.28 (7.0)	3.67 (93.2)	1.98 (50.3)	1.69 (42.9)	.098 (2.5)	.06 (1.5)
03	1.52 (38.6)	.75 (19)	.76 (19.3)	.39 (10.0)	5.32 (135.1)	2.90 (73.7)	2.42 (61.5)	.12 (3.0)	.08 (2)
04	2.19 (55.6)	1.0 (25.5)	1.06 (26.9)	.49 (12.5)	7.56 (192.0)	4.06 (103.1)	3.50 (88.9)	.18 (4.5)	.12 (3.0)
05	3.60 (91.4)	2.15 (54.6)	1.80 (45.7)	1.08 (27.4)	15.37 (390.4)	8.31 (211.1)	7.06 (179.3)	.28 (7.0)	.18 (4.6)

NOTES:

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

TABLE 2 - Available Materials

Material Designator	Material <u>1/</u>	Operating Temperature Range	Continuous Color Stripe <u>2/</u>	Shrink Temperature <u>3/</u>
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.