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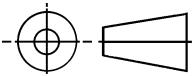
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## THIRD ANGLE PROJECTION



ISSUED 2002-02

CUSTODIAN: SAE AMS "P"



400 Commonwealth Drive, Warrendale, PA 15096-0001

## AEROSPACE STANDARD

INSULATING COMPONENTS, MOLDED,  
ELECTRICAL, HEAT SHRINKABLE SILICONE RUBBER,  
FLEXIBLE, CROSSLINKED

AS81765/3  
SHEET 1 OF 3

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THE COMPLETE REQUIREMENTS FOR PROCURING THE INSULATING COMPONENTS DESCRIBED HEREIN SHALL CONSIST OF THIS DOCUMENT AND THE ISSUE IN EFFECT OF MIL-I-81765.

REQUIREMENTS:

CONTINUOUS OPERATING TEMPERATURE RANGE: -75°C (-103°F) TO +135°C (+275°F)

COLOR: UNLESS OTHERWISE SPECIFIED, MOLDED COMPONENTS FABRICATED TO THE REQUIREMENTS HEREIN SHALL BE FURNISHED IN BLACK.

PROPERTIES: PROPERTIES SHALL BE IN ACCORDANCE WITH TABLE I.

TABLE I. PHYSICAL PROPERTIES

Property	Requirement	Test Method
Dimensions, inches As received After shrinkage	Shall be in accordance with the applicable drawing, specification or procurement document	4.6.1 Shrinkage-10 minutes at 175° $\pm$ 3°C (347° $\pm$ 5°F)
Elastic memory, %, min Expansion Retraction	250 90	4.6.2 One minute at 150° $\pm$ 2°C (302° $\pm$ 4°F); 5 inch stretch
Tensile strength, psi, min	600	4.6.3
Ultimate elongation, %, min	200	4.6.3

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