

View Online at <https://aerobasegroup.com/nsn/5905-00-089-6907>

Section Quantity:

5

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 0.7490 inches and 0.7590 inches

Pilot Length:

Between 0.0570 inches and 0.0670 inches

Overall Length:

2.593 inches

Undercut Diameter:

Between 0.748 inches and 0.755 inches

Undercut Width:

0.0570 inches

Body Diameter:

0.775 inches

Shaft Diameter:

Between 0.1245 inches and 0.1247 inches

Shaft Length:

0.375 inches

Body Length:

2.593 inches

Mounting Lip Diameter:

0.7750 inches

Mounting Lip Depth:

Between 0.0570 inches and 0.0670 inches

Shaft Style:

Round

Shaft Bearing Type:

Ball

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

180.0

Maximum Starting Torque:

1.00 inch-ounces

Maximum Running Torque:

0.90 inch-ounces

Shaft End Play:

0.002 inches

Shaft Runout:

0.001 inches

Pilot Diameter Runout:

0.001 inches

Shaft Radial Play:

0.001 inches

Terminal Location:

Radially positioned over more than half the circumference

Mounting Method:

Clamp ring

Electrical Resistance Per Section:

35.0 kilohms 4th section

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-0.55 to 0.55 2nd section

Ambient Temperature In Deg Celsius Per Section At Zero Percent Rated Power:

125.0 all sections

Power Dissipation Rating Per Section In Watts:

1.0 free air all sections

Function Conformity Per Section:

All sections terminal base linearity

Fixed Tap Quantity Per Section:

1 all sections

Tap Location Tolerance Per Section:

-5.0 to 5.0 ohms all sections

Resistance Tolerance Per Section In Percent:

-5.0/+5.0 all sections

Actuator Travel Control Feature:

Continuous motion

Tap Location From Ccw Terminal Per Section In Ohms:

6250.0 1st section

Function Characteristic Per Section:

All sections linear

Temperature Coefficient Of Resistance Wire Per Section In Ppm Per Deg Celsius:

-20.0/+20.0 all sections

Ambient Temperature In Deg Celsius Per Section At Full Rated Power:

90.0 all sections

Test Data Document:

06481-910017 drawing (this is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard or other document that may be referenced in a basic governing drawing)

Terminal Type And Quantity:

20 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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