

View Online at <https://aerobasegroup.com/nsn/5905-00-930-3989>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 0.7497 inches and 0.7500 inches

Pilot Length:

Between 0.0570 inches and 0.0670 inches

Undercut Diameter:

0.750 inches

Undercut Width:

0.0570 inches

Body Diameter:

0.880 centimeters

Shaft Diameter:

Between 0.1246 inches and 0.1248 inches

Shaft Length:

Between 0.828 inches and 0.858 inches

Body Length:

1.376 inches

Mounting Lip Diameter:

Between 0.8700 inches and 0.8800 inches

Mounting Lip Depth:

0.0570 mils and 0.0670 centimeters

Shaft Style:

Round

Shaft Bearing Type:

Bearing

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

Between 710.0 and 1000.0

Maximum Starting Torque:

0.20 inch-ounces

Maximum Running Torque:

0.30 inch-ounces

Maximum Stop Torque:

200.00 inch-ounces

Shaft End Play:

0.005 inches

Shaft Runout:

0.001 inches

Pilot Diameter Runout:

0.001 inches

Shaft Radial Play:

0.001 inches

Fragility Factor:

Moderately rugged

Terminal Location:

Longitudinally positioned on the circumference

Mounting Method:

Clamp ring

Features Provided:

Humidity proof

Cubic Measure:

0.836 cubic inches

Electrical Resistance Per Section:

25.0 percent, rated amperes c and better flooring

Tap Location From Ccw Terminal Per Section In Deg Of Effective Electrical Rotation:

1800.0 single section

Rotary Actuator Travel In Angular Deg:

Between 710.0 and 1000.0

Function Conformity Tolerance Per Section:

-0.10/+0.10 single section

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

125.0 single section

Power Dissipation Rating Per Section In Watts:

1.5 7th secondary quality

Function Conformity Per Section:

Single section independent linearity

Fixed Tap Quantity Per Section:

1 single section

Tap Location Tolerance Per Section:

-1.0/+1.0 degrees angular rotation single section

Resistance Tolerance Per Section In Percent:

-5.0/+5.0 single section

Actuator Travel Control Feature:

Stops

Function Characteristic Per Section:

7 oclock all primaries

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

-20.0/+20.0 single section

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

40.0 single section

Test Data Document:

06481-900056 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:

4 solder stud

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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