

View Online at <https://aerobasegroup.com/nsn/5905-00-990-8363>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 0.6240 inches and 0.6250 inches

Pilot Length:

Between 0.0570 inches and 0.0670 inches

Overall Length:

Between 2.046 inches and 2.100 inches

Undercut Diameter:

Between 0.624 inches and 0.625 inches

Undercut Width:

Between 0.0630 inches and 0.0730 inches

Body Diameter:

Between 0.865 inches and 0.875 inches

Shaft Diameter:

0.125 inches

Shaft Length:

Between 0.483 inches and 0.517 inches

Body Length:

Between 1.563 inches and 1.583 inches

Overall Diameter:

1.063 inches

Mounting Lip Diameter:

Between 0.8650 inches and 0.8750 inches

Mounting Lip Depth:

Between 0.0570 inches and 0.0620 inches

Shaft Style:

Round

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

3600.0

Maximum Starting Torque:

4.00 inch-ounces

Maximum Running Torque:

3.00 inch-ounces

Shaft End Play:

0.002 inches

Shaft Runout:

0.001 inches

Pilot Diameter Runout:

0.001 inches

Shaft Radial Play:

0.002 inches

Terminal Location:

Longitudinally positioned on the circumference

Mounting Method:

Clamp ring

Features Provided:

Nonmetallic shaft

Electrical Resistance Per Section:

1.5 kilohms single section

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

180.0 single section

Rotary Actuator Travel In Angular Deg:

3780.0

Function Conformity Tolerance Per Section:

-0.05/+0.05 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:

2.0 free air single section

Function Conformity Per Section:

Single section independent linearity

Fixed Tap Quantity Per Section:

1 single section

Tap Location Tolerance Per Section:

-0.5/+0.5 degrees angular rotation single section

Resistance Tolerance Per Section In Percent:

-1.0/+1.0 single section

Actuator Travel Control Feature:

Stops

Function Characteristic Per Section:

Single section linear

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

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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