

View Online at <https://aerobasegroup.com/nsn/5905-00-581-3631>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 1.8740 inches and 1.8750 inches

Pilot Length:

0.0620 inches

Overall Length:

2.609 inches

Undercut Diameter:

1.820 inches

Undercut Width:

0.0620 inches

Body Diameter:

2.000 inches

Angle Of Mounting Hole In Deg:

40.0

Angle Between Centerlines Of Mounting Holes In Deg:

120.0

Shaft Diameter:

0.250 inches

Shaft Length:

0.625 inches

Body Length:

1.984 inches

Overall Diameter:

2.281 inches

Mounting Lip Diameter:

2.0000 inches

Mounting Lip Depth:

0.0620 inches

Mounting Hole/stud Circle Diameter:

1.203 inches

Shaft Style:

Round

Shaft Bearing Type:

Ball

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

3600.0

Maximum Starting Torque:

1.50 inch-ounces

Maximum Running Torque:

1.00 inch-ounces

Shaft End Play:

0.001 inches

Shaft Runout:

0.001 inches

Lateral Runout:

0.001 inches

Pilot Diameter Runout:

0.00100 inches

Shaft Radial Play:

0.001 inches

Screw Thread Diameter:

0.164 inches

Screw Thread Series Designator:

Unc

Screw Thread Qty Per Inch (tpi):

32.0

Mounting Facility Quantity:

3

Terminal Location:

Longitudinally positioned on the circumference

Mounting Method:

Threaded hole

Features Provided:

Nonmetallic shaft

Electrical Resistance Per Section:

2.5 kilohms single section

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

1440.0 single section

Rotary Actuator Travel In Angular Deg:

3600.0

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:

3.5 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:

-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:

Clutch

Function Characteristic Per Section:

Single section linear

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

50.0 single section

Terminal Type And Quantity:

4 tab, solder lug

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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