

View Online at <https://aerobasegroup.com/nsn/5905-00-153-8236>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 0.9681 inches and 0.9686 inches

Pilot Length:

Between 0.0570 inches and 0.0670 inches

Overall Length:

Between 1.568 inches and 1.660 inches

Undercut Diameter:

Between 0.954 inches and 0.975 inches

Undercut Width:

Between 0.0470 inches and 0.0570 inches

Body Diameter:

Between 1.072 inches and 1.087 inches

Shaft Diameter:

0.125 inches

Shaft Length:

Between 0.594 inches and 0.656 inches

Body Length:

Between 0.802 inches and 0.812 inches

Overall Diameter:

Between 1.552 inches and 1.562 inches

Mounting Lip Diameter:

Between 1.0720 inches and 1.0870 inches

Mounting Lip Depth:

Between 0.0570 inches and 0.0670 inches

Shaft Style:

Round, slotted

Shaft Bearing Type:

Ball

Actuator Type:

Double ended shaft

Effective Electrical Rotation In Deg Angular Rotation:

350.0

Maximum Starting Torque:

0.50 inch-ounces

Maximum Running Torque:

0.30 inch-ounces

Shaft End Play:

0.002 inches

Shaft Runout:

0.001 inches

Pilot Diameter Runout:

0.001 inches

Shaft Radial Play:

0.0008 inches

Fragility Factor:

Moderately rugged

Terminal Location:

Radially positioned over more than half the circumference

Mounting Method:

Clamp ring

Features Provided:

Nonmetallic shaft

Electrical Resistance Per Section:

5.0 kilohms single section

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

172.5 single section

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-0.50 to 0.50 single section

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

125.0 single section

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

-150.0 to 150.0 single section

Power Dissipation Rating Per Section In Watts:

1.5 free air single section

Function Conformity Per Section:

Single section absolute linearity

Fixed Tap Quantity Per Section:

1 single section

Resistance Tolerance Per Section In Percent:

-5.0/+5.0 single section

Actuator Travel Control Feature:

Continuous motion

Tap Location From Ccw Terminal Per Section In Ohms:

2500.0 single section

Function Characteristic Per Section:

Single section linear

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

70.0 single section

Terminal Type And Quantity:

4 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

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