

View Online at <https://aerobasegroup.com/nsn/5905-00-464-9976>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

0.5000 inches

Pilot Length:

0.0620 inches

Overall Length:

1.660 inches

Undercut Diameter:

0.687 inches

Undercut Width:

0.0620 inches

Body Diameter:

0.750 inches

Angle Of Mounting Hole In Deg:

90.0

Angle Between Centerlines Of Mounting Holes In Deg:

180.0

Shaft Diameter:

0.125 inches

Shaft Length:

0.660 inches

Body Length:

0.812 inches

Overall Diameter:

0.750 inches

Mounting Lip Diameter:

0.7500 inches

Mounting Lip Depth:

0.0620 inches

Mounting Hole/stud Circle Diameter:

0.500 inches

Undercut Diameter:

0.062 inches

Shaft Style:

Round, stepped

Shaft Bearing Type:

Ball

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

360.0

Maximum Starting Torque:

0.10 inch-ounces

Maximum Running Torque:

0.10 inch-ounces

Shaft End Play:

0.0005 inches

Shaft Runout:

0.001 inches

Lateral Runout:

0.001 inches

Pilot Diameter Runout:

0.001 inches

Shaft Radial Play:

0.0008 inches

Undercut Length:

0.170 inches

Screw Thread Diameter:

0.138 inches

Screw Thread Series Designator:

Unc

Screw Thready Qty Per Inch (tpi):

6.0

Mounting Facility Quantity:

2

Terminal Location:

Rear end

Mounting Method:

Threaded hole

Electrical Resistance Per Section:

10.0 kilohms single section

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

333.0 single section

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-0.25/+0.25 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 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:

Continuous motion

Tap Location From Ccw Terminal Per Section In Ohms:

9347.2 single section

Function Characteristic Per Section:

Single section linear

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

-30.0/+30.0 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:

--

Demilitarization:

No

Fig:

A002a0