

View Online at <https://aerobasegroup.com/nsn/5905-00-836-6004>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 1.0295 inches and 1.0300 inches

Pilot Length:

Between 0.0380 inches and 0.0420 inches

Overall Length:

1.062 inches

Undercut Diameter:

Between 0.9975 inches and 1.0025 inches

Undercut Width:

Between 0.0580 inches and 0.0660 inches

Body Diameter:

Between 1.057 inches and 1.067 inches

Angle Of Mounting Hole In Deg:

60.0

Angle Between Centerlines Of Mounting Holes In Deg:

120.0

Shaft Diameter:

0.125 inches

Shaft Length:

0.500 inches

Body Length:

0.562 inches

Overall Diameter:

1.281 inches

Mounting Lip Diameter:

Between 1.0880 inches and 1.0930 inches

Mounting Lip Depth:

Between 0.0560 inches and 0.0640 inches

Mounting Hole/stud Circle Diameter:

Between 0.436 inches and 0.438 inches

Shaft Style:

Round, slotted

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

353.0

Maximum Starting Torque:

0.075 inch-ounces

Screw Thread Diameter:

0.086 inches

Screw Thread Series Designator:

Unc

Screw Thread Qty Per Inch (tpi):

56.0

Mounting Facility Quantity:

3

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Threaded hole

Features Provided:

Nonmetallic shaft

Electrical Resistance Per Section:

2.500 kilohms single section

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-0.10/+0.10 single section

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

150.0 single section

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

-650.0/+650.0 single section

Power Dissipation Rating Per Section In Watts:

1.5 heat sink single section

Function Conformity Per Section:

Single section terminal base linearity

Resistance Tolerance Per Section In Percent:

-3.0/+7.0 single section

Actuator Travel Control Feature:

Continuous motion

Function Characteristic Per Section:

Single section linear

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

85.0 single section

Terminal Type And Quantity:

3 solder stud

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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