

View Online at <https://aerobasegroup.com/nsn/5905-01-351-3649>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 0.3740 inches and 0.3750 inches

Pilot Length:

0.0620 inches

First Flat Length:

0.210 inches

Undercut Diameter:

0.400 inches

Undercut Width:

0.0630 inches

Body Diameter:

0.515 inches

Angle Of Mounting Hole In Deg:

120.0

Angle Between Centerlines Of Mounting Holes In Deg:

120.0

Shaft Diameter:

0.093 inches

Shaft Length:

0.688 inches

Body Length:

1.188 inches

Mounting Lip Diameter:

0.5150 inches

Mounting Lip Depth:

0.0620 inches

Mounting Hole/stud Circle Diameter:

Between 0.374 inches and 0.375 inches

Shaft Style:

Round, v flatted

Shaft Bearing Type:

Sleeve

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

Between 3240.0 and 3260.0

Maximum Starting Torque:

0.50 inch-ounces

Maximum Running Torque:

0.30 inch-ounces

Maximum Stop Torque:

20.00 inch-ounces

Mechanical Backlash In Deg Angular Rotation:

0.1

Terminal Location:

Rear end

Mounting Method:

Clamp ring

Electrical Resistance Per Section:

10.0 kilohms single section

Rotary Actuator Travel In Angular Deg:

Between 3240.0 and 3260.0

Function Conformity Tolerance Per Section:

-0.15/+0.15 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:

-200.0/+200.0 single section

Power Dissipation Rating Per Section In Watts:

1.0 free air single section

Function Conformity Per Section:

Single section absolute linearity

Resistance Tolerance Per Section In Percent:

-5.0/+5.0 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:

-55.0/+125.0 single section

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

20.0 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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