

View Online at <https://aerobasegroup.com/nsn/5905-01-242-5940>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 0.4365 inches and

Pilot Length:

Between 0.0570 inches and 0.0670 inches

Undercut Diameter:

Between 0.370 inches and 0.380 inches

Undercut Width:

Between 0.0570 inches and 0.0670 inches

Body Diameter:

Between 0.495 inches and 0.505 inches

Shaft Diameter:

Between 0.1248 inches and 0.1251 inches

Shaft Length:

Between 0.690 inches and 0.710 inches

Body Length:

Between 0.620 inches and 0.630 inches

Mounting Lip Diameter:

Between 0.4950 inches and 0.5050 inches

Mounting Lip Depth:

Between 0.0570 inches and 0.0670 inches

Shaft Style:

Round

Shaft Bearing Type:

Ball

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

350.0

Maximum Starting Torque:

0.075 inch-ounces

Maximum Running Torque:

0.05 inch-ounces

Maximum Stop Torque:

90.00 inch-ounces

Shaft End Play:

0.004 inches

Shaft Runout:

0.002 inches

Lateral Runout:

0.002 inches

Pilot Diameter Runout:

0.002 inches

Shaft Radial Play:

0.002 inches

Fragility Factor:

Moderately rugged

Terminal Location:

Rear end

Mounting Method:

Clamp ring

Features Provided:

Humidity proof

Cubic Measure:

0.123 cubic inches

Electrical Resistance Per Section:

1.0 kilohms single section

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-1.00/+1.00 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:

-20.0/+20.0 single section

Power Dissipation Rating Per Section In Watts:

2.0 free air single section

Function Conformity Per Section:

Single section independent linearity

Resistance Tolerance Per Section In Percent:

-5.0/+5.0 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:

40.0 single section

Unpackaged Unit Weight:

8.5 grams

Terminal Type And Quantity:

3 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

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