

View Online at <https://aerobasegroup.com/nsn/5905-00-869-2007>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 0.7495 inches and 0.7500 inches

Pilot Length:

0.0620 inches

Overall Length:

1.957 inches

Undercut Diameter:

Between 0.7495 inches and 0.750 inches

Undercut Width:

0.0620 inches

Body Diameter:

0.891 inches

Shaft Diameter:

Between 0.1245 inches and 0.1248 inches

Shaft Length:

0.500 inches

Body Length:

1.457 inches

Mounting Lip Diameter:

0.8750 inches

Mounting Lip Depth:

0.0620 inches

Shaft Style:

Round

Shaft Bearing Type:

Ball

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

3600.0

Maximum Starting Torque:

1.00 inch-ounces

Maximum Running Torque:

0.50 inch-ounces

Maximum Stop Torque:

160.00 inch-ounces

Shaft End Play:

0.005 inches

Shaft Runout:

0.001 inches

Lateral Runout:

0.002 inches

Pilot Diameter Runout:

0.002 inches

Shaft Radial Play:

0.001 inches

Terminal Location:

Longitudinally positioned on the circumference

Mounting Method:

Clamp ring

Features Provided:

Nonmetallic shaft

Electrical Resistance Per Section:

5.0 kilohms single section

Rotary Actuator Travel In Angular Deg:

Between 3610.0 and 3620.0

Function Conformity Tolerance Per Section:

-0.75/+0.75 single section

Power Dissipation Rating Per Section In Watts:

0.18 free air single section

Function Conformity Per Section:

Single section terminal base linearity

Resistance Tolerance Per Section In Percent:

-5.0/+5.0 single section

Actuator Travel Control Feature:

Clutch

Function Characteristic Per Section:

Single section linear

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

-20.0/+20.0 single section

Special Features:

One external 1.000 megohm fixed resistor located between terminals 1 and 2

Terminal Type And Quantity:

3 tab, solder lug

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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