

View Online at <https://aerobasegroup.com/nsn/5905-00-790-0109>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 1.3115 inches and 1.3120 inches

Pilot Length:

Between 0.1290 inches and 0.1350 inches

Overall Length:

0.204 inches

Undercut Diameter:

0.975 inches

Undercut Width:

Between 0.0730 inches and 0.0880 inches

Body Diameter:

0.975 inches

Shaft Diameter:

Between 0.187 inches and 0.188 inches

Shaft Length:

Between 0.672 inches and 0.704 inches

Body Length:

2.500 inches

Overall Diameter:

1.435 inches

Mounting Lip Diameter:

Between 1.4340 inches and 1.4370 inches

Mounting Lip Depth:

Between 0.0890 inches and 0.0950 inches

Shaft Style:

Round

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

3600.0

Maximum Starting Torque:

0.60 inch-ounces

Maximum Running Torque:

0.50 inch-ounces

Maximum Stop Torque:

80.00 inch-ounces

Fragility Factor:

Moderately rugged

Terminal Location:

Radially positioned over more than half the circumference

Mounting Method:

Clamp ring

Electrical Resistance Per Section:

5.0 kilohms single section

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

1800.0 single section

Rotary Actuator Travel In Angular Deg:

3780.0

Function Conformity Tolerance Per Section:

-0.50/+0.50 single section

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

80.0 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:

0.5 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:

-0.5/+0.5 ohms single section

Resistance Tolerance Per Section In Percent:

-3.0/+3.0 single section

Actuator Travel Control Feature:

Stops

Tap Location From Ccw Terminal Per Section In Ohms:

2500.0 single section

Function Characteristic Per Section:

Single section linear

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

25.0 single section

Terminal Type And Quantity:

4 screw

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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