

View Online at <https://aerobasegroup.com/nsn/5905-00-172-1011>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

1.8500 inches

Pilot Length:

Between 0.0570 inches and 0.0670 inches

Undercut Diameter:

1.850 inches

Undercut Width:

0.0550 inches

Body Diameter:

2.000 inches

Shaft Diameter:

Between 0.2495 inches and 0.2500 inches

Shaft Length:

0.750 inches

Body Length:

0.985 inches

Mounting Lip Diameter:

Between 1.8745 inches and 1.8750 inches

Mounting Lip Depth:

Between 0.0570 inches and 0.0670 inches

Shaft Style:

Round

Shaft Bearing Type:

Bearing

Actuator Type:

Single shaft

Maximum Starting Torque:

0.80 inch-ounces

Maximum Running Torque:

0.60 inch-ounces

Shaft End Play:

0.005 inches

Shaft Runout:

0.001 inches

Lateral Runout:

0.002 inches

Pilot Diameter Runout:

0.001 inches

Shaft Radial Play:

0.005 inches

Mechanical Backlash In Deg Angular Rotation:

0.1

Fragility Factor:

Moderately rugged

Terminal Location:

Radially positioned over more than half the circumference

Mounting Method:

Clamp ring

Features Provided:

Humidity proof

Electrical Resistance Per Section:

80.0 kilohms single section

Function Conformity Tolerance Per Section:

-0.15 to 0.15 single section

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

-300.0 to 0.0 single section

Power Dissipation Rating Per Section In Watts:

2.0 free air single section

Function Conformity Per Section:

Single section absolute conformity

Resistance Tolerance Per Section In Percent:

-10.0 to 10.0 single section

Actuator Travel Control Feature:

Continuous motion

Function Characteristic Per Section:

Single section 360 degrees sine-cosine

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

25.0 single section

Terminal Type And Quantity:

6 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

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