

View Online at <https://aerobasegroup.com/nsn/5905-00-043-0629>

Section Quantity:

2

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

1.56200 inches

Pilot Length:

0.06200 inches

Overall Length:

2.206 inches

Undercut Diameter:

1.625 inches

Undercut Width:

0.07800 inches

Body Diameter:

1.830 inches

Shaft Diameter:

0.1248 inches

Shaft Length:

0.500 inches

Body Length:

1.690 inches

Overall Diameter:

2.005 inches

Mounting Lip Diameter:

1.81200 inches

Mounting Lip Depth:

0.06200 inches

Shaft Style:

Round, slotted

Shaft Bearing Type:

Ball

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

3600.0

Maximum Starting Torque:

2.30 inch-ounces

Maximum Running Torque:

1.80 inch-ounces

Maximum Stop Torque:

240.00 inch-ounces

Shaft End Play:

0.00200 inches

Shaft Runout:

0.0005 inches

Lateral Runout:

0.0005 inches

Pilot Diameter Runout:

0.00100 inches

Shaft Radial Play:

0.0005 inches

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Clamp ring

Electrical Resistance Per Section:

10.000 percent, rated amperes c and better industrial clears

Rotary Actuator Travel In Angular Deg:

3780.0

Function Conformity Tolerance Per Section:

-0.035 to 0.035 single section

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

130.0 single section

Power Dissipation Rating Per Section In Watts:

2.0 free air single section

Function Conformity Per Section:

Single section independent linearity

Fixed Tap Quantity Per Section:

1 2nd section

Resistance Tolerance Per Section In Percent:

-5.0 to 5.0 2nd 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:

-25.0/+25.0 single section

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

40.0 single section

Precious Material And Weight:

0.002 palladium ounces, troy and 0.001 gold ounces, troy and 0.056 silver ounces, troy

Precious Material:

Palladium and gold and silver

Test Data Document:

06481-900217-238 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

Terminal Type And Quantity:

8 solder stud

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A002a0