

View Online at <https://aerobasegroup.com/nsn/5905-00-593-8231>

Section Quantity:

2

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 2.8740 inches and 2.8750 inches

Pilot Length:

0.0620 inches

Overall Length:

2.269 inches

Undercut Diameter:

2.825 inches

Undercut Width:

0.0730 inches

Body Diameter:

3.016 inches

Shaft Diameter:

0.250 inches

Shaft Length:

Between 0.125 inches and 0.656 inches

Body Length:

1.613 inches

Overall Diameter:

3.268 inches

Mounting Lip Diameter:

3.0000 inches

Mounting Lip Depth:

0.0930 inches

Shaft Style:

Round, slotted

Shaft Bearing Type:

Ball

Actuator Type:

Double ended shaft

Effective Electrical Rotation In Deg Angular Rotation:

354.0

Maximum Starting Torque:

2.20 inch-ounces

Maximum Running Torque:

1.30 inch-ounces

Shaft End Play:

0.001 inches

Shaft Runout:

0.001 inches

Shaft Radial Play:

0.002 inches

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:

5.0 kilohms all sections

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

4.5 all sections and 172.5 all sections and 349.5 all sections

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-0.10/+0.10 all sections

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

125.0 all sections

Power Dissipation Rating Per Section In Watts:

0.4 free air all sections

Function Conformity Per Section:

All sections independent linearity

Fixed Tap Quantity Per Section:

3 all sections

Tap Location Tolerance Per Section:

-1.0/+1.0 degrees angular rotation all sections

Resistance Tolerance Per Section In Percent:

-5.0/+5.0 all sections

Actuator Travel Control Feature:

Continuous motion

Function Characteristic Per Section:

All sections linear

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

-20.0/+20.0 all sections

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

40.0 all sections

Precious Material And Location:

Terminals gold

Precious Material:

Gold

Test Data Document:

10001-1225787 drawing (this is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard or other document that may be referenced in a basic governing drawing)

Terminal Type And Quantity:

12 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

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