

View Online at <https://aerobasegroup.com/nsn/5905-00-980-0830>

Section Quantity:

3

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 0.7494 inches and 0.7497 inches

Pilot Length:

Between 0.0600 inches and 0.0700 inches

Undercut Diameter:

Between 0.7494 inches and 0.7497 inches

Undercut Width:

0.0850 inches

Body Diameter:

0.885 inches

Shaft Diameter:

Between 0.1246 inches and 0.1248 inches

Shaft Length:

0.470 inches

Body Length:

1.550 inches

Mounting Lip Diameter:

0.8850 inches

Mounting Lip Depth:

Between 0.0600 inches and 0.0700 inches

Shaft Style:

Round, slotted

Shaft Bearing Type:

Bearing

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

340.0

Maximum Starting Torque:

0.30 inch-ounces

Maximum Running Torque:

0.30 inch-ounces

Shaft End Play:

0.005 inches

Shaft Radial Play:

0.001 inches

Terminal Location:

Radially positioned over more than half the circumference

Mounting Method:

Clamp ring

Features Provided:

Humidity proof

Electrical Resistance Per Section:

15.3 percent, rated amperes c and better finish

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

283.0 3rd section

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-0.50/+0.50 3rd section

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

85.0 all sections

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

-90.0/+90.0 3rd section

Power Dissipation Rating Per Section In Watts:

1.0 free air all sections

Function Conformity Per Section:

All sections stepped conformity

Fixed Tap Quantity Per Section:

2 1st section

Tap Location Tolerance Per Section:

-1.0/+1.0 degrees angular rotation all sections

Resistance Tolerance Per Section In Percent:

-4.0/+4.0 all sections

Actuator Travel Control Feature:

Continuous motion

Function Characteristic Per Section:

All sections table

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

25.0 all sections

Precious Material And Location:

Terminals gold and terminals silver

Precious Material:

Gold and silver

Test Data Document:

98571-808953 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:

13 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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