

View Online at <https://aerobasegroup.com/nsn/5905-01-093-0705>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

0.6250 inches

Pilot Length:

0.0620 inches

Overall Length:

2.361 inches

Undercut Diameter:

0.781 inches

Undercut Width:

0.0620 inches

Body Diameter:

0.875 centimeters

Shaft Diameter:

0.1248 inches

Shaft Length:

0.750 inches

Body Length:

1.580 inches

Overall Diameter:

1.062 inches

Mounting Lip Diameter:

0.8750 inches

Mounting Lip Depth:

0.0620 inches

Shaft Style:

Round

Shaft Bearing Type:

Ball

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

3600.0

Maximum Starting Torque:

0.40 inch-ounces

Maximum Running Torque:

0.30 inch-ounces

Maximum Stop Torque:

96.00 inch-ounces

Shaft End Play:

0.003 inches

Shaft Runout:

0.001 inches

Lateral Runout:

0.003 inches

Pilot Diameter Runout:

0.0015 inches

Shaft Radial Play:

0.002 inches

Fragility Factor:

Moderately rugged

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Clamp ring

Features Provided:

Humidity proof

Cubic Measure:

0.950 cubic inches

Electrical Resistance Per Section:

20.0 percent, rated amperes c and better flooring

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

128.57 single section and 257.14 single section and 385.71 single section and 514.29 single section and 642.86 single section and 771.43 single section and 900.0 single section and 1028.57 single section and 1157.14 single section and 1285.71 single section and 1414.29 single section and 1542.86 single section and 1671.43 single section and 1800.0 single section and 1928.57 single section and 2057.14 single section and 2185.71 single section and 2314.29 single section and 2442.86 single section and 2571.43 single section and 2700.0 single section and 2828.57 single section and 2957.14 single section and 3085.71 single section and 3214.29 single section and 3342.86 single section and 3471.43 single section

Rotary Actuator Travel In Angular Deg:

3600.0

Function Conformity Tolerance Per Section:

-0.00071/+0.00071 single section

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

125.0 single section

Power Dissipation Rating Per Section In Watts:

2.5 7th secondary quality

Function Conformity Per Section:

Single section terminal base linearity

Fixed Tap Quantity Per Section:

27 single section

Tap Location Tolerance Per Section:

-2.0/+2.0 degrees angular rotation single section

Function Characteristic Per Section:

7 o'clock 11th primary

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

-20.0/+20.0 single section

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

70.0 single section

Special Features:

Shaft has gear, 14 teeth, 127 pitch, 20 degrees p.A., 0.1102 in. Maximum dia, full tooth 0.187 to 0.218

Precious Material And Location:

Terminal surfaces gold

Precious Material And Weight:

1.200 gold grains, troy

Precious Material:

Gold

Test Data Document:

56910-10004-101 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:

30 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

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