

View Online at <https://aerobasegroup.com/nsn/5905-01-054-6227>

Section Quantity:

3

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 0.9683 inches and 0.9688 inches

Pilot Length:

Between 0.0570 inches and 0.0670 inches

Overall Length:

2.291 inches

Undercut Diameter:

0.975 inches

Undercut Width:

0.0570 inches

Body Diameter:

1.092 centimeters

Shaft Diameter:

Between 0.1245 inches and 0.1248 inches

Shaft Length:

Between 0.4687 inches and 0.5313 inches

Body Length:

1.760 inches

Overall Diameter:

1.092 inches

Mounting Lip Diameter:

Between 1.0520 inches and 1.0670 inches

Mounting Lip Depth:

0.0570 mils and 0.0670 centimeters

Shaft Style:

Round

Shaft Bearing Type:

Bearing

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

345.0

Maximum Starting Torque:

0.20 inch-ounces

Maximum Running Torque:

0.20 inch-ounces

Shaft End Play:

0.00500 inches

Shaft Runout:

0.002 inches

Lateral Runout:

0.002 inches

Pilot Diameter Runout:

0.00100 inches

Shaft Radial Play:

0.001 inches

Fragility Factor:

Moderately rugged

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Clamp ring

Cubic Measure:

2.146 cubic inches

Electrical Resistance Per Section:

100.0 percent, rated amperes c and better

Rotary Actuator Travel In Angular Deg:

360.0

Resistance Temperature Characteristic Range Per Section In Percent:

-5.0/+5.0 -65 degrees celsius all sections and -4.0/+4.0 -15 degrees celsius all sections and -2.5/+2.5 50 degrees celsius all sections and -5.0/+5.0 75 degrees celsius all sections and -5.0/+5.0 105 degrees celsius all sections and -5.0/+5.0 125 degrees celsius all sections

Function Conformity Tolerance Per Section:

-0.25/+0.25 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:

1.25 7th secondary at 10'30 oclock

Resistance Tolerance Per Section In Percent:

-10.0/+10.0 all sections

Actuator Travel Control Feature:

Continuous motion

Function Characteristic Per Section:

6 oclock all primaries

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

70.0 all sections

Terminal Type And Quantity:

9 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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