

View Online at <https://aerobasegroup.com/nsn/5905-00-075-0511>

Section Quantity:

3

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 0.9683 inches and 0.9688 inches

Pilot Length:

0.0620 inches

Overall Length:

2.138 inches

Undercut Diameter:

Between 0.970 inches and 0.980 inches

Undercut Width:

0.0600 inches

Body Diameter:

1.156 inches

Shaft Diameter:

Between 0.1195 inches and 0.120 inches

Shaft Length:

0.500 inches

Body Length:

1.700 inches

Overall Diameter:

1.156 inches

Mounting Lip Diameter:

Between 1.0570 inches and 1.0670 inches

Mounting Lip Depth:

0.0600 inches

Shaft Style:

Round, slotted

Shaft Bearing Type:

Bearing

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

360.0

Maximum Starting Torque:

2.00 inch-ounces

Shaft End Play:

0.002 inches

Shaft Runout:

0.001 inches

Lateral Runout:

0.001 inches

Pilot Diameter Runout:

0.001 inches

Shaft Radial Play:

0.0006 inches

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Clamp ring

Electrical Resistance Per Section:

4.0 kilohms 3rd section

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-0.20 to 0.20 all sections

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

150.0 all sections

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

-300.0/+300.0 all sections

Power Dissipation Rating Per Section In Watts:

1.0 free air all sections

Function Conformity Per Section:

All sections independent linearity

Fixed Tap Quantity Per Section:

1 all sections

Tap Location Tolerance Per Section:

-1.0/+1.0 degrees angular rotation all sections

Resistance Tolerance Per Section In Percent:

-5.0 to 5.0 all sections

Actuator Travel Control Feature:

Continuous motion

Tap Location From Ccw Terminal Per Section In Ohms:

400.0 all sections

Function Characteristic Per Section:

All sections linear

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

25.0 all sections

Terminal Type And Quantity:

12 solder stud

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

No

Fig:

A002a0