

View Online at <https://aerobasegroup.com/nsn/5905-01-090-2998>

Section Quantity:

2

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

0.9688 inches

Pilot Length:

0.0620 inches

Undercut Diameter:

0.975 inches

Undercut Width:

0.0620 inches

Body Diameter:

1.062 inches

Shaft Diameter:

0.125 inches

Shaft Length:

0.625 inches

Body Length:

1.900 inches

Mounting Lip Diameter:

1.0620 inches

Mounting Lip Depth:

0.0620 inches

Shaft Style:

Round, slotted

Shaft Bearing Type:

Ball

Switch Type:

Rotary

Switch Voltage Rating In Volts:

12.0

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

352.0

Maximum Starting Torque:

0.30 inch-ounces

Maximum Running Torque:

0.30 inch-ounces

Shaft End Play:

0.003 inches

Shaft Runout:

0.001 inches

Lateral Runout:

0.002 inches

Pilot Diameter Runout:

0.0015 inches

Shaft Radial Play:

0.002 inches

Switch Operating Position:

Start of rotation

Switch Contact Arrangement:

Single pole, single throw, normally open, both positions maintained

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Clamp ring

Features Provided:

Switch

Electrical Resistance Per Section:

20.0 percent, rated amperes c and better industrial clears

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

90.0 1st section

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-1.50/+1.50 1st section

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

125.0 all sections

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

-300.0/+300.0 1st section

Power Dissipation Rating Per Section In Watts:

2.0 7th secondary pattern

Function Conformity Per Section:

2nd section independent linearity

Fixed Tap Quantity Per Section:

3 2nd section

Tap Location Tolerance Per Section:

-1.0/+1.0 degrees angular rotation all sections

Resistance Tolerance Per Section In Percent:

-10.0/+10.0 all sections

Actuator Travel Control Feature:

Continuous motion

Function Characteristic Per Section:

9 o'clock all primaries

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

60.0 all sections

Switch Current Type And Rating In Amps:

0.0012 dc

Terminal Type And Quantity:

12 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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