

View Online at <https://aerobasegroup.com/nsn/5905-01-295-2831>

Section Quantity:

1

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

Undercut Diameter:

1.125 inches

Undercut Width:

0.0570 inches

Body Diameter:

1.250 centimeters

Shaft Diameter:

Between 0.1245 inches and 0.1250 inches

Shaft Length:

Between 0.5945 inches and 0.6565 inches

Body Length:

0.810 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:

340.0

Maximum Starting Torque:

0.20 inch-ounces

Maximum Running Torque:

0.20 inch-ounces

Shaft End Play:

0.005 inches

Shaft Runout:

0.002 inches

Lateral Runout:

0.002 inches

Pilot Diameter Runout:

0.001 inches

Shaft Radial Play:

0.001 inches

Mechanical Backlash In Deg Angular Rotation:

0.25

Fragility Factor:

Moderately rugged

End Application:

Remote controls

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Clamp ring

Features Provided:

Humidity proof

Cubic Measure:

0.994 cubic inches

Electrical Resistance Per Section:

5.0 percent, rated amperes and better flooring

Rotary Actuator Travel In Angular Deg:

360.0

Resistance Temperature Characteristic Range Per Section In Percent:

-5.0/+5.0 -65 degrees celsius single section and -4.0/+4.0 -15 degrees celsius single section and -2.5/+2.5 50 degrees celsius single section and -5.0/+5.0 75 degrees celsius single section and -5.0/+5.0 105 degrees celsius single section and -5.0/+5.0 125 degrees celsius single section

Function Conformity Tolerance Per Section:

-0.50/+0.50 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:

0.5 7th secondary quality

Function Conformity Per Section:

Single section independent linearity

Resistance Tolerance Per Section In Percent:

-10.0/+10.0 single section

Actuator Travel Control Feature:

Clutch

Function Characteristic Per Section:

7 o'clock all primaries

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

70.0 single section

Terminal Type And Quantity:

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

No

Fiig:

A002a0