

View Online at <https://aerobasegroup.com/nsn/5905-01-475-8299>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 1.9360 inches and 1.9370 inches

Pilot Length:

Between 0.0290 inches and 0.0320 inches

Overall Length:

Between 1.217 inches and 1.260 inches

Undercut Diameter:

Between 1.9375 inches and 1.9385 inches

Undercut Width:

Between 0.0700 inches and 0.0900 inches

Body Diameter:

Between 1.990 inches and 2.010 inches

Shaft Diameter:

0.250 inches

Shaft Length:

Between 0.198 inches and 0.218 inches

Body Length:

Between 0.990 inches and 1.010 inches

Overall Diameter:

Between 2.125 inches and 2.151 inches

Mounting Lip Diameter:

Between 1.9900 inches and 2.0100 inches

Mounting Lip Depth:

Between 0.0680 inches and 0.0850 inches

Shaft Style:

Round

Shaft Bearing Type:

Bearing

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

Between 319.0 and 321.0

Maximum Starting Torque:

0.60 inch-ounces

Shaft End Play:

0.006 inches

Lateral Runout:

0.001 inches

Pilot Diameter Runout:

0.001 inches

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Clamp ring

Electrical Resistance Per Section:

1.0 kilohms single section

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-0.50/+0.50 single section

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

105.0 single section

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

-30.0/+30.0 single section

Power Dissipation Rating Per Section In Watts:

4.0 free air single section

Function Conformity Per Section:

Single section independent linearity

Resistance Tolerance Per Section In Percent:

-1.0/+1.0 single section

Actuator Travel Control Feature:

Continuous motion

Function Characteristic Per Section:

Single section linear

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

40.0 single section

Terminal Type And Quantity:

13 solder stud

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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