

View Online at <https://aerobasegroup.com/nsn/5905-00-812-8765>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 1.3120 inches and 1.3125 inches

Pilot Length:

0.0620 inches

Overall Length:

2.380 inches

Undercut Diameter:

1.312 inches

Undercut Width:

0.0730 inches

Body Diameter:

Between 1.432 inches and 1.437 inches

Shaft Diameter:

Between 0.2495 inches and 0.250 inches

Shaft Length:

0.500 inches

Body Length:

1.500 inches

Overall Diameter:

1.437 inches

Mounting Lip Diameter:

Between 1.4320 inches and 1.4370 inches

Mounting Lip Depth:

0.0930 inches

Shaft Style:

Round, slotted

Shaft Bearing Type:

Ball

Actuator Type:

Single shaft

Maximum Starting Torque:

0.25 inch-ounces

Maximum Running Torque:

0.25 inch-ounces

Shaft End Play:

0.003 inches

Shaft Runout:

0.001 inches

Lateral Runout:

0.001 inches

Pilot Diameter Runout:

0.001 inches

Shaft Radial Play:

0.001 inches

Mechanical Backlash In Deg Angular Rotation:

0.5

Terminal Location:

Rear end

Mounting Method:

Clamp ring

Electrical Resistance Per Section:

10.0 kilohms single section

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

30.0 single section and 45.0 single section and 60.0 single section and 75.0 single section and 90.0 single section and 105.0 single section and 120.0 single section and 135.0 single section and 150.0 single section and 165.0 single section and 180.0 single section and 195.0 single section and 210.0 single section and 225.0 single section and 240.0 single section and 255.0 single section and 270.0 single section and 285.0 single section and 300.0 single section and 315.0 single section and 330.0 single section and 345.0 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:

125.0 single section

Power Dissipation Rating Per Section In Watts:

2.0 free air single section

Function Conformity Per Section:

Single section independent linearity

Fixed Tap Quantity Per Section:

22 single section

Tap Location Tolerance Per Section:

-1.0/+1.0 degrees angular rotation single section

Resistance Tolerance Per Section In Percent:

-5.0/+5.0 single section

Actuator Travel Control Feature:

Continuous motion

Function Characteristic Per Section:

Single section linear

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

-20.0/+20.0 single section

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

65.0 single section

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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