

View Online at <https://aerobasegroup.com/nsn/5905-00-042-9549>

Section Quantity:

1

Body Style:

Cylindrical bushing mounted

Reliability Indicator:

Not established

Body Diameter:

1.812 inches

Shaft Diameter:

Between 0.2494 inches and 0.2497 inches

Shaft Length:

Between 0.594 inches and 0.656 inches

Mounting Bushing Length:

0.500 inches

Body Length:

Between 2.719 inches and 2.781 inches

Shaft Style:

Round, slotted

Shaft Bearing Type:

Bearing

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

5400.0

Maximum Starting Torque:

1.30 inch-ounces

Maximum Running Torque:

0.90 inch-ounces

Shaft End Play:

0.00500 inches

Shaft Runout:

0.001 inches

Pilot Diameter Runout:

0.00100 inches

Shaft Radial Play:

0.001 inches

Mechanical Backlash In Deg Angular Rotation:

0.001

Screw Thread Diameter:

0.375 inches

Screw Thread Series Designator:

Unef

Screw Thready Qty Per Inch (tpi):

32.0

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Standard bushing

Electrical Resistance Per Section:

15.000 kilohms single section

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

900.0 single section

Rotary Actuator Travel In Angular Deg:

5400.0

Function Conformity Tolerance Per Section:

-0.50 to 0.50 single section

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

90.0 single section

Power Dissipation Rating Per Section In Watts:

5.0 free air single section

Function Conformity Per Section:

Single section independent linearity

Fixed Tap Quantity Per Section:

2 single section

Resistance Tolerance Per Section In Percent:

-1.0/+1.0 single section

Actuator Travel Control Feature:

Stops

Function Characteristic Per Section:

Single section linear

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

-130.0 to 130.0 single section

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

40.0 single section

Terminal Type And Quantity:

5 tab, solder lug

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

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