

View Online at <https://aerobasegroup.com/nsn/5905-01-035-3479>

Section Quantity:

2

Body Style:

Cylindrical bushing mounted

Reliability Indicator:

Not established

Overall Length:

2.250 inches

Body Diameter:

0.500 inches

Shaft Diameter:

0.187 inches

Shaft Length:

1.125 inches

Mounting Bushing Length:

0.250 inches

Body Length:

1.125 inches

Overall Diameter:

0.670 inches

Undercut Diameter:

0.1248 inches

Shaft Style:

Round, stepped

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

300.0

Maximum Starting Torque:

3.00 inch-ounces

Maximum Running Torque:

1.00 inch-ounces

Nonturn Device Location:

At 12 oclock

Nonturn Device Radius:

0.200 inches

Shaft End Play:

0.00600 inches

Shaft Runout:

0.004 inches

Lateral Runout:

0.003 inches

Pilot Diameter Runout:

0.00300 inches

Shaft Radial Play:

0.001 inches

End Application:

An/apr-38

Undercut Length:

0.281 inches

Screw Thread Diameter:

0.250 inches

Screw Thread Series Designator:

Unef

Screw Thread Qty Per Inch (tpi):

32.0

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Standard bushing

Electrical Resistance Per Section:

10.000 kilohms all sections

Rotary Actuator Travel In Angular Deg:

345.0

Function Conformity Tolerance Per Section:

-0.25/+0.25 all sections

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

100.0 all sections

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

-250.0/+250.0 all sections

Power Dissipation Rating Per Section In Watts:

0.25 free air all sections

Function Conformity Per Section:

All sections independent linearity

Resistance Tolerance Per Section In Percent:

-10.0/+10.0 all sections

Actuator Travel Control Feature:

Stops

Function Characteristic Per Section:

All sections linear

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

70.0 all sections

Special Features:

Inner shaft has a flat length 0.281 in. And a flat height 0.107 in.

Terminal Type And Quantity:

6 tab, solder lug

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

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