

View Online at <https://aerobasegroup.com/nsn/5905-00-197-3947>

Section Quantity:

1

Body Style:

Cylindrical bushing mounted

Reliability Indicator:

Not established

Overall Length:

1.593 inches

Body Diameter:

0.875 inches

Shaft Diameter:

0.250 inches

Shaft Length:

0.812 inches

Mounting Bushing Length:

0.252 inches

Body Length:

0.750 inches

Overall Diameter:

1.109 inches

Undercut Diameter:

0.230 inches

Shaft Style:

Round, undercut

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

1800.0

Maximum Starting Torque:

1.00 inch-ounces

Maximum Running Torque:

1.00 inch-ounces

Fragility Factor:

Moderately rugged

End Application:

Forrestal class cv, yellowstone class ad-41, nimitz class cvn; support equipment, a-10 aircraft

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

Features Provided:

Nonmetallic shaft

Electrical Resistance Per Section:

10.0 kilohms single section

Rotary Actuator Travel In Angular Deg:

1800.0

Function Conformity Tolerance Per Section:

-0.30/+0.30 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:

1.5 free air single section

Function Conformity Per Section:

Single section independent linearity

Resistance Tolerance Per Section In Percent:

-3.0/+3.0 single section

Actuator Travel Control Feature:

Stops

Criticality Code Justification:

Feat

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:

70.0 single section

Special Features:

Hollowed shaft, 0.130 in. Diameter through hole; weapon system essential

Terminal Type And Quantity:

3 tab, solder lug

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

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