

View Online at <https://aerobasegroup.com/nsn/5905-01-182-4716>

Section Quantity:

1

Body Style:

Cylindrical bushing mounted

Reliability Indicator:

Not established

First Flat Length:

0.250 inches

Flat Height:

0.094 inches

Body Diameter:

0.500 inches

Shaft Diameter:

0.125 inches

Shaft Length:

0.438 inches

Mounting Bushing Length:

0.250 inches

Body Length:

0.535 inches

Shaft Style:

Round, flatted

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

295.0

Maximum Starting Torque:

3.00 inch-ounces

Maximum Running Torque:

3.00 inch-ounces

Maximum Stop Torque:

32.00 inch-ounces

Nonturn Device Location:

At 3 oclock and at 9 oclock

Nonturn Device Radius:

0.245 inches

End Application:

Helicopter observation (ahip), oh-58d

Screw Thread Diameter:

0.250 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:

Panel seal and shaft seal

Electrical Resistance Per Section:

100.0 kilohms single section

Rotary Actuator Travel In Angular Deg:

295.0

Resistance Temperature Characteristic Range Per Section In Percent:

+0.0/+8.0 -55 degrees celsius single section and +0.0/+4.0 -25 degrees celsius single section and -3.0/+3.0 85 degrees celsius single section and +0.0/+6.0 120 degrees celsius single section

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

120.0 single section

Power Dissipation Rating Per Section In Watts:

0.5 free air single section

Resistance Tolerance Per Section In Percent:

-20.0/+20.0 single section

Actuator Travel Control Feature:

Stops

Criticality Code Justification:

Feat

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

70.0 single section

Standard Taper Curve Per Section:

A single section

Special Features:

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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