

View Online at <https://aerobasegroup.com/nsn/5905-01-188-4276>

Section Quantity:

1

Body Style:

Cylindrical bushing mounted

Reliability Indicator:

Not established

Overall Length:

2.303 inches

First Flat Length:

1.273 inches

Flat Height:

0.094 inches

Body Diameter:

0.516 centimeters

Shaft Diameter:

0.125 inches

Shaft Length:

1.600 inches

Mounting Bushing Length:

0.250 inches

Body Length:

0.469 inches

Overall Diameter:

0.516 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:

64.00 inch-ounces

Nonturn Device Location:

At 10 oclock

Nonturn Device Radius:

0.245 inches

Mechanical Backlash In Deg Angular Rotation:

3.0

Fragility Factor:

Moderately rugged

End Application:

Ticonderoga class c (47) , forrestal class cv, emory s.Land class as, calibration and standards equipment, yellowstone class ad-41, oliver perry class ffg, general purpose electronic test equipment, 2m/ate microminiature automatic test equipment, support equipment for b-52 aircraft, wasp class lhd

Screw Thread Diameter:

0.250 inches

Screw Thread Series Designator:

Unef

Screw Thready Qty Per Inch (tpi):

32.0

Terminal Location:

Rear end

Mounting Method:

Standard bushing

Electrical Resistance Per Section:

10.000 percent, rated amperes c and better flooring

Rotary Actuator Travel In Angular Deg:

295.0

Resistance Temperature Characteristic Range Per Section In Percent:

+0.0/+7.0 -55 degrees celsius single section and +0.0/+3.5 -25 degrees celsius single section and +0.0/+2.0 0 degrees celsius single section and -2.5/+2.5 85 degrees celsius single section and +0.0/+5.5 120 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 7th secondary quality

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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Fig:

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