

View Online at <https://aerobasegroup.com/nsn/5905-01-505-2450>

Section Quantity:

1

Body Style:

Cylindrical bushing mounted

Reliability Indicator:

Not established

Overall Length:

Between 23.63 millimeters and 25.91 millimeters

Body Diameter:

22.23 millimeters

Shaft Length:

Between 5.19 millimeters and 6.71 millimeters

Mounting Bushing Length:

Between 5.95 millimeters and 6.75 millimeters

Body Length:

Between 11.69 millimeters and 12.45 millimeters

Overall Diameter:

22.23 millimeters

Shaft Style:

Round, slotted

Actuator Type:

Single shaft

Shaft End Play:

0.08 millimeters

Shaft Runout:

0.025 millimeters

Shaft Radial Play:

0.1 millimeters

Screw Thread Diameter:

0.375 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:

10000.0 ohms single section

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

125.0 single section

Resistance Tolerance Per Section In Percent:

-10.0/+10.0 single section

Actuator Travel Control Feature:

Continuous motion

Special Features:

Yindependent linearity porm 0.5 pct; effective electrical angle 320 degrees porm 3 pct; resolution essentially infinite; power rating p70 degrees c 1 watt, p125 degrees c 0 watt; output smoothness 0.1 pct; dielectric strength vrms sea level 750, 70, 000 feet 250; insulation resistance, 500 vdc, 1, 000 megohms min; operating temp m65.0 to p125.0 c; resistance temperature coefficient porm 5 pct trs; moisture resistance res change porm 10 pct max; vibration 15g; shock 50g; rotational life 25, 000, 000 revolutions; total resistance shift porm 10 pct max; shaft runout, mil-r-39023, 0.025mm tir; shaft end play, mil-r-39023, 0.08mm tir; shaft radial play 0.10mm tir; backlash 0.1 degrees max; mechanical angle continuous; torque, starting and running, 0.18 ncm max

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

No

Fiig:

A002a0