

View Online at <https://aerobasegroup.com/nsn/5905-00-972-9851>

Section Quantity:

11

Body Style:

Cylindrical bushing mounted

Reliability Indicator:

Not established

Body Diameter:

1.000 inches

Shaft Diameter:

Between 0.2485 inches and 0.2490 inches

Shaft Length:

1.875 inches

Mounting Bushing Length:

0.375 inches

Body Length:

0.375 inches

Shaft Style:

Round

Shaft Bearing Type:

Sleeve

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

Between 278.0 and 282.0

Maximum Starting Torque:

1.50 inch-ounces

Maximum Running Torque:

1.50 inch-ounces

Maximum Stop Torque:

128.00 inch-ounces

Shaft End Play:

0.015 inches

Screw Thread Diameter:

0.375 inches

Screw Thread Series Designator:

Unef

Screw Thready Qty Per Inch (tpi):

32.0

Terminal Location:

Lower adjacent side two rows

Mounting Method:

Standard bushing

Electrical Resistance Per Section:

2.0 kilohms all sections

Tap Location From Ccw Terminal Per Section In Deg Of Effective Electrical Rotation:

140.0 all sections

Rotary Actuator Travel In Angular Deg:

Between 288.0 and 294.0

Function Conformity Tolerance Per Section:

-1.00/+1.00 all sections

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

105.0 all sections

Power Dissipation Rating Per Section In Watts:

3.0 free air all sections

Function Conformity Per Section:

All sections absolute linearity

Fixed Tap Quantity Per Section:

1 all sections

Tap Location Tolerance Per Section:

-3.0/+3.0 degrees angular rotation all sections

Resistance Tolerance Per Section In Percent:

-5.0/+5.0 all sections

Actuator Travel Control Feature:

Stops

Tap Location From Ccw Terminal Per Section In Ohms:

1000.0 all sections

Function Characteristic Per Section:

All sections linear

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

-20.0/+20.0 all sections

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

40.0 all sections

Terminal Type And Quantity:

33 tab, solder lug

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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