

View Online at <https://aerobasegroup.com/nsn/5905-00-198-4183>

Section Quantity:

18

Body Style:

Cylindrical bushing mounted

Reliability Indicator:

Not established

Overall Length:

12.390 inches

Body Diameter:

2.000 centimeters

Shaft Diameter:

0.250 inches

Shaft Length:

1.000 inches

Mounting Bushing Length:

0.375 inches

Body Length:

10.890 inches

Overall Diameter:

2.156 inches

Shaft Style:

Round

Shaft Bearing Type:

Sleeve

Actuator Type:

Double ended shaft

Effective Electrical Rotation In Deg Angular Rotation:

280.0

Maximum Starting Torque:

18.50 inch-ounces

Maximum Running Torque:

18.50 inch-ounces

Maximum Stop Torque:

128.00 inch-ounces

Nonturn Device Location:

At 9 oclock

Nonturn Device Radius:

0.531 inches

Shaft End Play:

0.015 inches

Fragility Factor:

Moderately rugged

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:

10.0 percent, rated amperes c and better

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

140.0 all sections

Rotary Actuator Travel In Angular Deg:

291.0

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 2nd winding at 10'30 oclock

Function Conformity Per Section:

All sections independent linearity

Fixed Tap Quantity Per Section:

1 all sections

Tap Location Tolerance Per Section:

-1.0/+1.0 degrees angular rotation all sections

Resistance Tolerance Per Section In Percent:

-5.0/+5.0 all sections

Actuator Travel Control Feature:

Stops

Function Characteristic Per Section:

6 oclock all primaries

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

Special Features:

2 rhms no. 0.112-40 thd in. By 11.438 in. @lg through body of resistor w/0.500 in. Thd extending from rear

Terminal Type And Quantity:

72 tab, solder lug

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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