NSN 5905-00-025-5933

Precision Wire Wound Variable Resistor - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5905-00-025-5933 **Section Quantity: Body Style:** Cylindrical bushing mounted **Reliability Indicator:** Not established **Body Diameter:** 1.062 inches **Shaft Diameter:** Between 0.2495 inches and 0.2500 inches **Shaft Length:** 1.000 inches **Mounting Bushing Length:** 0.380 inches **Body Length:** 2.000 inches **Shaft Style:** Round **Shaft Bearing Type:** Sleeve **Actuator Type:** Single shaft **Effective Electrical Rotation In Deg Angular Rotation:** 350.0 **Maximum Starting Torque:** 8.00 inch-ounces **Maximum Running Torque:** 8.00 inch-ounces **Shaft End Play:** 0.005 inches **Shaft Runout:** 0.002 inches **Lateral Runout:** 0.002 inches **Screw Thread Diameter:** 0.469 inches **Screw Thread Series Designator:** Uns Screw Thready Qty Per Inch (tpi): 32.0 **Terminal Location:**

Radially positioned over less than half the circumference

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Mounting Method:
Standard bushing
Electrical Resistance Per Section:
100.0 ohms c and better industrial clears
Rotary Actuator Travel In Angular Deg:
350.0
Function Conformity Tolerance Per Section:
-1.00/+1.00 3rd section
Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power:
150.0 all sections
Tempurature Coefficient Of Resistance Per Section In Ppm Per Deg Celsius:
-900.0/+900.0 all sections
Power Dissipation Rating Per Section In Watts:
1.0 free air all sections
Function Conformity Per Section:
All sections independent linearity
Resistance Tolerance Per Section In Percent:
-5.0 to 5.0 all sections
Actuator Travel Control Feature:
Stops
Function Characteristic Per Section:
All sections linear
Ambient Tempurature In Deg Celsius Per Section At Full Rated Power:
85.0 all sections
Test Data Document:
80249-730645 drawing (this is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.;
excludes any specification, standard or other document that may be referenced in a basic governing drawing)
Terminal Type And Quantity:
9 turret
Shelf Life:
N/a
Unit Of Measure:

Demilitarization:
No
Filig:
A002a0