NSN 5905-00-475-4254

Nonprecision Wire Wound Variable Resistor - Page 1 of 3



View Online at https://aerobasegroup.com/nsn/5905-00-475-4254 **Section Quantity:** 1 **Body Style:** Cylindrical servo mounted **Reliability Indicator:** Not established **Pilot Diameter:** 1.2500 inches Pilot Length: 0.6200 inches First Flat Length: 0.250 inches Flat Height: 0.219 inches **Undercut Diameter:** 3.500 inches **Undercut Width:** 0.6200 inches **Body Diameter:** 5.000 inches **Angle Of Mounting Hole In Deg:** 90.0 **Angle Between Centerlines Of Mounting Holes In Deg:** 120.0 **Shaft Diameter:** 0.250 inches **Shaft Length:** 0.656 inches **Body Length:** 1.812 inches **Mounting Lip Diameter:** 5.0000 inches **Mounting Lip Depth:** 0.6200 inches **Mounting Hole/stud Circle Diameter:** 3.500 inches **Shaft Style:** Round, flatted **Actuator Type:** Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

360.0

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Maximum Starting Torque:
1.50 inch-ounces
Maximum Running Torque:
1.50 inch-ounces
Screw Thread Diameter:
0.164 inches
Screw Thread Series Designator:
Unc
Screw Thready Qty Per Inch (tpi):
32.0
Mounting Facility Quantity:
3
Terminal Location:
Radially positioned over more than half the circumference
Mounting Method:
Threaded hole
Electrical Resistance Per Section:
14.0 kilohms single section
Rotary Actuator Travel In Angular Deg:
360.0
Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power:
80.0 single section
Tempurature Coefficient Of Resistance Per Section In Ppm Per Deg Celsius:
-50.0 to 50.0 single section
Power Dissipation Rating Per Section In Watts:
2.0 free air single section
Fixed Tap Quantity Per Section:
1 single section
Tap Location Tolerance Per Section:
-2.0 to 2.0 ohms single section
Resistance Tolerance Per Section In Percent:
-10.0 to 10.0 single section
Actuator Travel Control Feature:
Continuous motion
Tap Location From Ccw Terminal Per Section In Ohms:
7000.0 single section
Ambient Tempurature In Deg Celsius Per Section At Full Rated Power:
25.0 single section
Standard Taper Curve Per Section:
A single section
Test Data Document:

80045-751559 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)

4 turret

Terminal Type And Quantity:

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Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No
Fiig:

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