NSN 5905-01-138-6281

Nonprecision Nonwire Wound Variable Resistor - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5905-01-138-6281 **Section Quantity: Body Style:** Cylindrical bushing mounted **Reliability Indicator:** Not established First Flat Length: 0.255 inches Flat Height: Between 0.186 inches and 0.188 inches **Body Diameter:** 0.720 inches **Shaft Diameter:** Between 0.248 inches and 0.251 inches **Shaft Length:** 0.688 inches **Mounting Bushing Length:** 0.315 inches **Body Length:** 0.500 inches **Shaft Style:** Round, parallel flatted **Actuator Type:** Single shaft **Maximum Starting Torque:** 6.00 inch-ounces **Maximum Running Torque:** 6.00 inch-ounces **Maximum Stop Torque:** 128.00 inch-ounces **Fragility Factor:** Rugged **Screw Thread Diameter:** 0.375 inches **Screw Thread Series Designator:** Unef Screw Thready Qty Per Inch (tpi): 32.0 **Terminal Location:** Rear end

Mounting Method:

Standard bushing w/panel seal and standard bushing w/shaft seal

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Terminal Type And Quantity:

3 turret
Shelf Life:

Unit Of Measure:

Demilitarization:

N/a

No Fiig: A002a0

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Electrical Resistance Per Section:
10.000 kilohms single section
Rotary Actuator Travel In Angular Deg:
300.0
Resistance Tempurature Characteristic Range Per Section In Percent:
-3.0/+0.0 -55 degrees celsius single section and -5.0/+10.0 -25 degrees celsius single section and -5.0/+10.0 25 degrees celsius single
section and +0.0/+3.0 120 degrees celsius single section
Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power:
120.0 single section
Power Dissipation Rating Per Section In Watts:
0.25 free air single section
Resistance Tolerance Per Section In Percent:
-10.0/+10.0 single section
Actuator Travel Control Feature:
Stops
Ambient Tempurature In Deg Celsius Per Section At Full Rated Power:
70.0 single section
Standard Taper Curve Per Section:
C single section
Test Data Document:
80045-393754 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)