NSN 5905-00-885-4028

Nonprecision Wire Wound Variable Resistor - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5905-00-885-4028 **Section Quantity:** 1 **Body Style:** Cylindrical servo mounted **Reliability Indicator:** Not established **Pilot Diameter:** 0.6250 inches Pilot Length: 0.0620 inches **Undercut Diameter:** 0.625 inches **Undercut Width:** 0.0630 inches **Body Diameter:** 0.875 inches **Shaft Diameter:** Between 0.1245 inches and 0.1248 inches **Shaft Length:** 0.310 inches **Body Length:** 1.187 inches **Mounting Lip Diameter:** 0.8750 inches **Mounting Lip Depth:** 0.0620 inches **Shaft Style:** Round **Shaft Bearing Type:** Bearing **Actuator Type:** Double ended shaft **Effective Electrical Rotation In Deg Angular Rotation:** 1800.0 **Maximum Starting Torque:** 0.50 inch-ounces **Shaft Runout:** 0.002 inches **Lateral Runout:**

Pilot Diameter Runout:

0.001 inches

0.002 inches

NSN 5905-00-885-4028

A002a0

Nonprecision Wire Wound Variable Resistor - Page 2 of 2



Shaft Radial Play:
0.002 inches
Mechanical Backlash In Deg Angular Rotation:
0.5
Fragility Factor:
Rugged
Terminal Location:
Longitudinally positioned on the circumference
Mounting Method:
Clamp ring
Electrical Resistance Per Section:
5.0 kilohms single section
Rotary Actuator Travel In Angular Deg:
1860.0
Function Conformity Tolerance Per Section:
-0.10/+0.10 single section
Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power:
150.0 single section
Power Dissipation Rating Per Section In Watts:
0.245 free air single section
Function Conformity Per Section:
Single section terminal base linearity
Resistance Tolerance Per Section In Percent:
-10.0/+10.0 single section
Actuator Travel Control Feature:
Stops
Function Characteristic Per Section:
Single section linear
Ambient Tempurature In Deg Celsius Per Section At Full Rated Power:
85.0 single section
Test Data Document:
92220-512-911-900 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:
3 tab, solder lug
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No
Fiig: