NSN 5905-00-651-1639

Nonprecision Wire Wound Variable Resistor - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5905-00-651-1639 **Section Quantity:** 2 **Body Style:** Cylindrical servo mounted **Reliability Indicator:** Not established **Pilot Diameter:** Between 1.3115 inches and 1.3120 inches Pilot Length: 0.0620 inches **Overall Length:** 2.455 inches **Undercut Diameter:** 1.422 inches **Undercut Width:** 0.0730 inches **Body Diameter:** 1.453 inches **Shaft Diameter:** Between 0.2494 inches and 0.2497 inches **Shaft Length:** Between 0.657 inches and 0.719 inches **Body Length:** 1.580 inches **Overall Diameter:** 1.453 inches **Mounting Lip Diameter:** 1.4380 inches **Mounting Lip Depth:** 0.0930 inches **Shaft Style:** Round, slotted **Shaft Bearing Type:** Ball **Actuator Type:** Single shaft **Effective Electrical Rotation In Deg Angular Rotation:** 48.0 **Maximum Starting Torque:**

1.60 inch-ounces

Maximum Running Torque:

1.10 inch-ounces

NSN 5905-00-651-1639

Nonprecision Wire Wound Variable Resistor - Page 2 of 2



Shaft End Play:
0.00100 inches
Shaft Runout:
0.001 inches
Shaft Radial Play:
0.0025 inches
Terminal Location:
Radially positioned over less than half the circumference
Mounting Method:
Clamp ring
Electrical Resistance Per Section:
1.360 kilohms 1st section
Rotary Actuator Travel In Angular Deg:
349.0
Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power:
125.0 single section
Power Dissipation Rating Per Section In Watts:
2.0 free air single section
Resistance Tolerance Per Section In Percent:
-5.0 to 5.0 2nd section
Actuator Travel Control Feature:
Stops
Ambient Tempurature In Deg Celsius Per Section At Full Rated Power:
65.0 single section
Standard Taper Curve Per Section:
A all sections
Terminal Type And Quantity:
6 solder stud
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No
Fiig:
A002a0