## NSN 5905-00-954-2231

Nonprecision Wire Wound Variable Resistor - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5905-00-954-2231 **Section Quantity:** 1 **Body Style:** Cylindrical servo mounted **Reliability Indicator:** Not established **Pilot Diameter:** Between 0.9683 inches and 0.9688 inches Pilot Length: 0.0620 inches **Overall Length:** 1.218 inches **Undercut Diameter:** Between 0.9683 inches and 0.9688 inches **Undercut Width:** 0.0620 inches **Body Diameter:** 1.152 inches **Shaft Diameter:** 0.125 inches **Shaft Length:** 0.500 inches **Body Length:** 0.718 inches **Overall Diameter:** 1.264 inches **Mounting Lip Diameter:** 1.0620 inches **Mounting Lip Depth:** 0.0620 inches **Shaft Style:** Round **Actuator Type:** Single shaft **Effective Electrical Rotation In Deg Angular Rotation:** 325.0 **Maximum Starting Torque:** 1.50 inch-ounces **Maximum Running Torque:** 

1.00 inch-ounces

Shaft End Play:

0.006 inches

## NSN 5905-00-954-2231

Nonprecision Wire Wound Variable Resistor - Page 2 of 2



Lateral Runout:
0.001 inches
Pilot Diameter Runout:
0.001 inches
Shaft Radial Play:
0.001 inches
Terminal Location:
Radially positioned over less than half the circumference
Mounting Method:
Clamp ring
Features Provided:
Nonmetallic shaft
Electrical Resistance Per Section:
500.0 kilohms single section
Rotary Actuator Travel In Angular Deg:
360.0
Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power:
125.0 single section
Tempurature Coefficient Of Resistance Per Section In Ppm Per Deg Celsius:
-50.0/+50.0 single section
Power Dissipation Rating Per Section In Watts:
3.0 free air single section
Resistance Tolerance Per Section In Percent:
-1.0/+1.0 single section
Actuator Travel Control Feature:
Continuous motion
Ambient Tempurature In Deg Celsius Per Section At Full Rated Power:
65.0 single section
Standard Taper Curve Per Section:
A single section
Terminal Type And Quantity:
3 turret
Shelf Life:
N/a
Unit Of Measure:
<del></del>
Demilitarization:
No
Fiig:
A002a0