## NSN 5905-00-581-3637

Precision Wire Wound Variable Resistor - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5905-00-581-3637 **Section Quantity:** 1 **Body Style:** Cylindrical servo mounted **Reliability Indicator:** Not established **Pilot Diameter:** Between 3.3110 inches and 3.3120 inches Pilot Length: 0.0620 inches **Undercut Diameter:** 1.875 inches **Undercut Width:** 0.0620 inches **Body Diameter:** 3.500 inches **Shaft Diameter:** 0.2497 inches **Shaft Length:** 1.000 inches **Body Length:** Between 2.789 inches and 2.851 inches **Mounting Lip Diameter:** 3.5000 inches **Mounting Lip Depth:** 0.0930 inches **Shaft Style:** Round **Shaft Bearing Type:** Ball **Actuator Type:** Single shaft **Effective Electrical Rotation In Deg Angular Rotation:** 5400.0 **Maximum Starting Torque:** 2.75 inch-ounces **Maximum Running Torque:** 2.00 inch-ounces **Terminal Location:** Radially positioned over less than half the circumference

Mounting Method:

Clamp ring

## NSN 5905-00-581-3637

Fiig: A002a0

Precision Wire Wound Variable Resistor - Page 2 of 2



## **Electrical Resistance Per Section:** 5.0 kilohms single section **Tap Location From Ccw Terminal Per Section In Deg Of Effective Electrical Rotation:** 200.0 single section and 3950.0 single section **Rotary Actuator Travel In Angular Deg:** 5400.0 **Function Conformity Tolerance Per Section:** -0.10/+0.10 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:** 7.5 free air single section **Function Conformity Per Section:** Single section independent linearity **Fixed Tap Quantity Per Section:** 2 single section **Tap Location Tolerance Per Section:** -1.0/+1.0 degrees angular rotation single section **Resistance Tolerance Per Section In Percent:** -5.0/+5.0 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: 50.0 single section **Terminal Type And Quantity:** 5 tab, solder lug Shelf Life: N/a **Unit Of Measure: Demilitarization:** No