## NSN 5905-00-961-3937

Precision Wire Wound Variable Resistor - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5905-00-961-3937 **Section Quantity:** 1 **Body Style:** Cylindrical servo mounted **Reliability Indicator:** Not established **Pilot Diameter:** 1.5620 inches Pilot Length: 0.0620 inches **Undercut Diameter:** 1.625 inches **Undercut Width:** 0.0930 inches **Body Diameter:** 1.750 inches **Shaft Diameter:** Between 0.1245 inches and 0.1248 inches **Shaft Length:** 0.875 inches **Body Length:** 0.577 inches **Mounting Lip Diameter:** 1.7500 inches **Mounting Lip Depth:** 0.0780 inches **Shaft Style:** Round **Actuator Type:** Single shaft **Effective Electrical Rotation In Deg Angular Rotation:** 340.0 **Terminal Location:** Radially positioned over less than half the circumference

**Mounting Method:** 

Clamp ring

**Electrical Resistance Per Section:** 

8.5 kilohms single section

**Rotary Actuator Travel In Angular Deg:** 

340.0

**Function Conformity Tolerance Per Section:** 

-0.10/+0.10 single section

## NSN 5905-00-961-3937

No Fiig: A002a0

Precision Wire Wound Variable Resistor - Page 2 of 2



Ambient Tempurature In Day Calaina Day Section At Zara Daysont Dated Dayson
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:
-3.0/+3.0 single section
Power Dissipation Rating Per Section In Watts:
3.0 free air single section
Function Conformity Per Section:
Single section proportional conformity
Fixed Tap Quantity Per Section:
1 single section
Tap Location Tolerance Per Section:
-5.0/+5.0 ohms single section
Resistance Tolerance Per Section In Percent:
-5.0/+5.0 single section
Actuator Travel Control Feature:
Stops
Tap Location From Ccw Terminal Per Section In Ohms:
4250.0 single section
Function Characteristic Per Section:
Single section equation
Ambient Tempurature In Deg Celsius Per Section At Full Rated Power:
25.0 single section
Test Data Document:
80020-412219 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:
4 turret
Shelf Life:
N/a
Unit Of Measure:
<del></del>
Demilitarization: