## NSN 5905-00-919-3177

Nonprecision Nonwire Wound Variable Resistor - Page 1 of 3



View Online at https://aerobasegroup.com/nsn/5905-00-919-3177 **Section Quantity:** 2 **Body Style:** Cylindrical servo mounted **Reliability Indicator:** Not established **Pilot Diameter:** 0.9688 inches Pilot Length: 0.0620 inches **Overall Length:** 1.856 inches **Undercut Diameter:** 0.9688 inches **Undercut Width:** 0.0620 inches **Body Diameter:** 1.062 inches **Shaft Diameter:** 0.1248 inches **Shaft Length:** 0.656 inches **Body Length:** 1.200 inches **Overall Diameter:** 1.278 inches **Mounting Lip Diameter:** 1.0620 inches **Mounting Lip Depth:** 0.0620 inches **Shaft Style:** Round **Shaft Bearing Type:** Ball **Actuator Type:** Single shaft **Effective Electrical Rotation In Deg Angular Rotation:** 350.0 **Maximum Starting Torque:** 

0.30 inch-ounces

Maximum Running Torque:

0.25 inch-ounces

## NSN 5905-00-919-3177

**Terminal Type And Quantity:** 

8 turret

Nonprecision Nonwire Wound Variable Resistor - Page 2 of 3



Shaft End Play:
0.0035 inches
Shaft Runout:
0.002 inches
Lateral Runout:
0.001 inches
Pilot Diameter Runout:
0.001 inches
Shaft Radial Play:
0.001 inches
Fragility Factor:
Moderately rugged
Terminal Location:
Radially positioned over less than half the circumference
Mounting Method:
Clamp ring
Features Provided:
Humidity proof
Electrical Resistance Per Section:
146.0 kilohms all sections
Tap Location From Ccw Terminal Per Section In Deg Of Effective Electrical Rotation:
8.0 all sections
Rotary Actuator Travel In Angular Deg:
360.0
Tempurature Coefficient Of Resistance Per Section In Ppm Per Deg Celsius:
-50.0/+50.0 all sections
Power Dissipation Rating Per Section In Watts:
0.75 free air all sections
Fixed Tap Quantity Per Section:
1 all sections
Tap Location Tolerance Per Section:
-2.0/+0.0 degrees angular rotation all sections
Resistance Tolerance Per Section In Percent:
-3.000/+3.000 all sections
Actuator Travel Control Feature:
Continuous motion
Ambient Tempurature In Deg Celsius Per Section At Full Rated Power:
95.0 all sections
Standard Taper Curve Per Section:
A all sections
Test Data Document:
95542-138-088 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)

## NSN 5905-00-919-3177

Nonprecision Nonwire Wound Variable Resistor - Page 3 of 3



Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No
Fiig:

A002a0