Precision Nonwire Wound Variable Resistor - Page 1 of 3



View Online at https://aerobasegroup.com/nsn/5905-01-347-1997

Section Quantity: 1 **Body Style:** Cylindrical servo mounted **Reliability Indicator:** Not established **Pilot Diameter:** Between 0.7495 inches and 0.7505 inches **Pilot Length:** Between 0.0570 inches and 0.0670 inches **Undercut Diameter:** 0.781 inches **Undercut Width:** 0.0570 inches **Body Diameter:** 0.906 centimeters Shaft Diameter: Between 0.1245 inches and 0.1255 inches Shaft Length: Between 0.594 inches and 0.656 inches **Body Length:** 0.810 inches Mounting Lip Diameter: Between 0.8650 inches and 0.8800 inches Mounting Lip Depth: 0.0570 mils and 0.0670 centimeters Shaft Style: Round, slotted Shaft Bearing Type: Sleeve Actuator Type: Single shaft Effective Electrical Rotation In Deg Angular Rotation: 320.0 Maximum Starting Torque: 0.50 inch-ounces Maximum Running Torque: 0.40 inch-ounces Shaft End Play: 0.005 inches Shaft Runout: 0.002 inches

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Lateral Runout: 0.002 inches **Pilot Diameter Runout:** 0.001 inches Shaft Radial Play: 0.001 inches Mechanical Backlash In Deg Angular Rotation: 0.1 **Fragility Factor:** Moderately rugged **End Application:** Lantirnnavpod **Terminal Location:** Radially positioned over less than half the circumference **Mounting Method:** Clamp **Features Provided:** Humidity proof **Cubic Measure:** 0.522 cubic inches **Electrical Resistance Per Section:** 10.0 percent, rated amperes c and better flooring **Rotary Actuator Travel In Angular Deg:** 360.0 **Resistance Tempurature Characteristic Range Per Section In Percent:** -5.0/+5.0 -65 degrees celsius single section and -4.0/+4.0 -15 degrees celsius single section and -2.5/+2.5 0 degrees celsius single section and -2.5/+2.5 50 degrees celsius single section and -5.0/+5.0 75 degrees celsius single section and -5.0/+5.0 105 degrees celsius single section and -5.0/+5.0 125 degrees celsius single section **Function Conformity Tolerance Per Section:** -0.25/+0.25 single section Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power: 125.0 single section **Power Dissipation Rating Per Section In Watts:** 1.0 7th secondary quality **Function Conformity Per Section:** Single section independent linearity **Resistance Tolerance Per Section In Percent:** -5.0/+5.0 single section **Actuator Travel Control Feature:** Continuous motion **Function Characteristic Per Section:** 7 oclock all primaries Ambient Tempurature In Deg Celsius Per Section At Full Rated Power: 70.0 single section

Special Test Features:



Test Data Document:

04939-717801828 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:

3 turret

Departure From Cited Designator:

Clamp rings are not acceptable

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

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