NSN 5905-01-317-5051

Section Quantity:

Cylindrical bushing mounted

Reliability Indicator:

Not established **Body Diameter:**

Body Style:

Nonprecision Nonwire Wound Variable Resistor - Page 1 of 3



View Online at https://aerobasegroup.com/nsn/5905-01-317-5051

Between 1.032 inches and 1.156 inches Shaft Diameter: Between 0.248 inches and 0.251 inches Shaft Length: Between 0.844 inches and 0.906 inches Mounting Bushing Length: Between 0.485 inches and 0.515 inches Body Length: Between 0.719 inches and 0.969 inches Shaft Style: Round, slotted Switch Type: Rotary Switch Voltage Rating In Volts: 117.0 Actuator Type: Single shaft Effective Electrical Rotation In Deg Angular Rotation: Between 330.0 and 340.0 Maximum Starting Torque: 6.00 inch-ounces Maximum Running Torque: 6.00 inch-ounces Maximum Stop Torque: 128.00 inch-ounces Maximum Device Location: At 9 colock Nonturn Device Radius: Between 0.515 inches and 0.547 inches Switch Operating Position: Start of rotation Start of rotation Switch Contact Arrangement: Single pole, single throw, normally closed Fragility Factor:	Body Diameter:	
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128.00 inch-ounces Nonturn Device Location: At 9 oclock Nonturn Device Radius: Between 0.515 inches and 0.547 inches Switch Operating Position: Start of rotation Switch Contact Arrangement: Single pole, single throw, normally closed	6.00 inch-ounces	
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Between 0.515 inches and 0.547 inches Switch Operating Position: Start of rotation Switch Contact Arrangement: Single pole, single throw, normally closed	At 9 oclock	
Switch Operating Position: Start of rotation Switch Contact Arrangement: Single pole, single throw, normally closed	Nonturn Device Radius:	
Start of rotation Switch Contact Arrangement: Single pole, single throw, normally closed	Between 0.515 inches and 0.547 inches	
Switch Contact Arrangement: Single pole, single throw, normally closed	Switch Operating Position:	
Single pole, single throw, normally closed	Start of rotation	
	Switch Contact Arrangement:	
Fragility Factor:	Single pole, single throw, normally closed	
	Fragility Factor:	

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Nonprecision Nonwire Wound Variable Resistor - Page 2 of 3



End Application:
Jet blast de
Screw Thread Diameter:
0.375 inches
Screw Thread Series Designator:
Unef
Screw Thready Qty Per Inch (tpi):
32.0
Terminal Location:
Radially positioned over less than half the circumference
Mounting Method:
Locking bushing
Features Provided:
Panel seal and switch
Electrical Resistance Per Section:
5.0 kilohms single section
Rotary Actuator Travel In Angular Deg:
Between 330.0 and 340.0
Resistance Tempurature Characteristic Range Per Section In Percent:
-3.0/+0.0 -55 degrees celsius single section and -5.0/+10.0 -25 degrees celsius single section and -5.0/+10.0 25 degrees celsius single
section and +0.0/+3.0 120 degrees celsius 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:
2.0 free air single section
Resistance Tolerance Per Section In Percent:
-10.0/+10.0 single section
Actuator Travel Control Feature:
Stops
Ambient Tempurature In Deg Celsius Per Section At Full Rated Power:
70.0 single section
Switch Current Type And Rating In Amps:
3.000 ac
Standard Taper Curve Per Section:
A single section
Test Data Document:
81349-mil-r-94 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format;
excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental
and performance requirements and test conditions that are shown as "typical", "average", "", etc.).
Terminal Type And Quantity:
5 tab, solder lug
Specification Data:

N/a

Shelf Life:

81349-mil-r-94/5 government specification

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Nonprecision Nonwire Wound Variable Resistor - Page 3 of 3



Demilitarization:

No

Fiig:

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