NSN 5905-00-140-5666

Precision Wire Wound Variable Resistor - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5905-00-140-5666 **Section Quantity:** 1 **Body Style:** Cylindrical bushing mounted **Reliability Indicator:** Not established **Overall Length:** 1.401 inches **Body Diameter:** 0.500 inches **Shaft Diameter:** 0.125 inches **Shaft Length:** 0.500 inches **Mounting Bushing Length:** 0.380 inches **Body Length:** 0.650 inches **Overall Diameter:** 0.500 inches **Shaft Style:** Round, slotted **Actuator Type:** Single shaft **Effective Electrical Rotation In Deg Angular Rotation:** 300.0 **Maximum Starting Torque:** 6.00 inch-ounces **Maximum Running Torque:** 0.50 inch-ounces **Maximum Stop Torque:** 48.00 inch-ounces **Nonturn Device Location:** At 6 oclock **Nonturn Device Radius:** 0.187 inches **Fragility Factor:** Moderately rugged **Screw Thread Diameter:**

0.250 inches **Screw Thread Series Designator:** Unef

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Precision Wire Wound Variable Resistor - Page 2 of 2



Terminal Location: Rear and Mounting Method: Locking bushing Features Provided: Shaft locking device Electrical Resistance Per Section: 250.0 ohms single section Rotary Actuator Travel In Angular Deg: 300.0 Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power: 135.0 single section Tempurature Coefficient Of Resistance Per Section In Ppm Per Deg Celsius: -70.0/+70.0 single section Power Dissipation Rating Per Section In Watts: -1.5 free air single section Power Dissipation Rating Per Section In Percent: -5.0/+5.0 single section Actuator Travel Control Feature: Stops Ambient Tempurature In Deg Celsius Per Section At Full Rated Power: 85.0 single section Test Data Document: 81.949-mili-39002 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: 3 solder stud Specification Data: 81349-mili-390021 government specification Shelf Life: N/a Unit of Measure:	Screw Thready Qty Per Inch (tpi):
Rear and Mounting Method: Locking bushing Features Provided: Shaft locking device Electrical Resistance Per Section: 250.0 ohms single section Rotary Actuator Travel In Angular Deg: 300.0 Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power: 13.5.0 single section Tempurature Coefficient Of Resistance Per Section In Ppm Per Deg Celsius: 7.70.0.4.70.0 single section Power Dissipation Rating Per Section In Watts: 1.5 free air single section Resistance Tolerance Per Section In Percent: 5.0/s-5.0 single section Actuator Travel Control Feature: Stops Ambient Tempurature In Deg Celsius Per Section At Full Rated Power: 85.0 single section Test Data Document: 81349-mill-r-39002 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: 3 solder stud Specification Data: 81349-mill-r-39002/1 government specification Sheft Life: N/a Unit Of Measure: — Demilitarization: No Flig:	32.0
Mounting Method: Locking bushing Features Provided: Shaft locking device Electrical Resistance Per Section: 250.0 ohms single section Rotary Actuator Travel in Angular Deg: 300.0 Ambient Tempurature in Deg Celsius Per Section At Zero Percent Rated Power: 135.0 single section Tempurature Coefficient Of Resistance Per Section In Ppm Per Deg Celsius: -70.04-77.00 single section Power Dissipation Rating Per Section In Watts: 1.5 free air single section Resistance Tolerance Per Section In Percent: -5.04-5.0 single section Resistance Tolerance Per Section In Percent: -5.04-5.0 single section Actuator Travel Control Feature: Stops Ambient Tempurature In Deg Celsius Per Section At Full Rated Power: 85.0 single section Test Data Document: 81349-mill-r-39002 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: 3 solder stud Specification Data: 81349-mill-r-39002/1 government specification Sheff Life: N/a Unit Of Measure:	Terminal Location:
Locking bushing Features Provided: Shaft locking device Electrical Resistance Per Section: 250.0 ohms single section Rotary Actuator Travel In Angular Deg: 300.0 Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power: 135.0 single section Tempurature Coefficient Of Resistance Per Section In Ppm Per Deg Celsius: -70.0/+70.0 single section Tempurature Coefficient Of Resistance Per Section In Ppm Per Deg Celsius: -70.0/+70.0 single section Power Dissipation Rating Per Section In Watts: 1.5 free air single section Resistance Tolerance Per Section In Percent: -5.0/+5.0 single section Resistance Tolerance Per Section In Percent: -5.0/+5.0 single section Actuator Travel Control Feature: Stops Ambient Tempurature In Deg Celsius Per Section At Full Rated Power: 85.0 single section Test Data Document: 81349-mil+-39002 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: 3 solder stud Specification Data: 81349-mil+-39002/1 government specification Sheff Life: N/a Unit Of Measure: - Demilitarization: No Filig:	Rear end
Features Provided: Shaft locking device Electrical Resistance Per Section: 250.0 ohms single section Rotary Actuator Travel In Angular Deg: 300.0 Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power: 13.5 0 single section Tempurature Coefficient Of Resistance Per Section In Ppm Per Deg Celsius: -70.0/+70.0 single section Power Dissipation Rating Per Section In Watts: 1.5 free air single section Resistance Tolerance Per Section In Percent: -5.0/+5.0 single section Actuator Travel Control Feature: Stops Ambient Tempurature In Deg Celsius Per Section At Full Rated Power: 85.0 single section Test Data Document: 81.349-milr-39002 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: 3 solder stud Specification Data: 81349-milr-39002/1 government specification Shelf Life: N/a Unit Of Measure: - Demilitarization: No Filig:	Mounting Method:
Shaft locking device Electrical Resistance Per Section: 250.0 ohms single section Rotary Actuator Travel In Angular Deg: 300.0 Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power: 135.0 single section Tempurature Coefficient Of Resistance Per Section In Ppm Per Deg Celsius: -70.0470.0 single section Power Dissipation Rating Per Section In Watts: 1.5 free air single section Resistance Tolerance Per Section In Percent: -5.0/+5.0 single section Actuator Travel Control Feature: Stops Ambient Tempurature In Deg Celsius Per Section At Full Rated Power: 85.0 single section Test Data Document: 81349-mil-r-39002 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: 3 solder stud Specification Data: 81349-mil-r-39002/1 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Flig:	Locking bushing
Electrical Resistance Per Section: 250.0 ohms single section Rotary Actuator Travel In Angular Deg: 300.0 Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power: 135.0 single section Tempurature Coefficient Of Resistance Per Section In Ppm Per Deg Celsius: -70.0/+70.0 single section Power Dissipation Rating Per Section In Watts: 1.5 free air single section Resistance Tolerance Per Section In Percent: -5.0/+5.0 single section Actuator Travel Control Feature: Stops Ambient Tempurature In Deg Celsius Per Section At Full Rated Power: 85.0 single section Test Data Document: 81349-mil-r-39002 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: 3 solder stud Specification Data: 81349-mil-r-39002/1 government specification Shelf Life: N/a Unit Of Measure:	Features Provided:
250.0 ohms single section Rotary Actuator Travel In Angular Deg: 300.0 Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power: 135.0 single section Tempurature Coefficient Of Resistance Per Section In Ppm Per Deg Celsius: -70.0/+70.0 single section Power Dissipation Rating Per Section In Watts: 1.5 free air single section Resistance Tolerance Per Section In Percent: -5.0/+5.0 single section Actuator Travel Control Feature: Stops Ambient Tempurature In Deg Celsius Per Section At Full Rated Power: 85.0 single section Test Data Document: 81349-milr-39002 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: 3 solder stud Specification Data: 81349-milr-39002/1 government specification Shelf Life: N/a Unit Of Measure: - Demillitarization: No Fiig:	Shaft locking device
Rotary Actuator Travel In Angular Deg: 300.0 Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power: 135.0 single section Tempurature Coefficient Of Resistance Per Section In Ppm Per Deg Celsius: -70.0/+70.0 single section Power Dissipation Rating Per Section In Watts: 1.5 free air single section Resistance Tolerance Per Section In Percent: -5.0/+5.0 single section Resistance Tolerance Per Section In Percent: -5.0/+5.0 single section Actuator Travel Control Feature: Stops Ambient Tempurature In Deg Celsius Per Section At Full Rated Power: 85.0 single section Test Data Document: 81349-mil-r-39002 specification (includes engineering type builletins, 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: 3 solder stud Specification Data: 81349-mil-r-39002/1 government specification Shelf Life: N/a Unit Of Measure: - Demilitarization: No Flig:	Electrical Resistance Per Section:
Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power: 135.0 single section Tempurature Coefficient Of Resistance Per Section In Ppm Per Deg Celsius: -70.0/+70.0 single section Power Dissipation Rating Per Section In Watts: 1.5 free air single section Resistance Tolerance Per Section In Percent: -5.0/+5.0 single section Actuator Travel Control Feature: Stops Ambient Tempurature In Deg Celsius Per Section At Full Rated Power: 85.0 single section Test Data Document: 81.349-mil-r-39002 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: 3 solder stud Specification Data: 81349-mil-r-39002/1 government specification Shelf Life: No Unit Of Measure: Demilitarization: No Flig:	250.0 ohms single section
Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power: 135.0 single section Tempurature Coefficient Of Resistance Per Section In Ppm Per Deg Celsius: -70.0/+70.0 single section Power Dissipation Rating Per Section In Watts: 1.5 free air single section Resistance Tolerance Per Section In Percent: -5.0/+5.0 single section Actuator Travel Control Feature: Stops Ambient Tempurature In Deg Celsius Per Section At Full Rated Power: 85.0 single section Test Data Document: 81349-mil-r-39002 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: 3 solder stud Specification Data: 81349-mil-r-39002/1 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Flig:	Rotary Actuator Travel In Angular Deg:
Tempurature Coefficient Of Resistance Per Section In Ppm Per Deg Celsius: -70.0/+70.0 single section Power Dissipation Rating Per Section In Watts: 1.5 free air single section Resistance Tolerance Per Section In Percent: -5.0/+5.0 single section Actuator Travel Control Feature: Stops Ambient Tempurature In Deg Celsius Per Section At Full Rated Power: 85.0 single section Test Data Document: 81349-mil-r-39002 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: 3 solder stud Specification Data: 81349-mil-r-39002/1 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Flig:	300.0
Tempurature Coefficient Of Resistance Per Section In Ppm Per Deg Celsius: -70.0/+70.0 single section Power Dissipation Rating Per Section In Watts: 1.5 free air single section Resistance Tolerance Per Section In Percent: -5.0/+5.0 single section Actuator Travel Control Feature: Stops Ambient Tempurature In Deg Celsius Per Section At Full Rated Power: 85.0 single section Test Data Document: 81349-mil-r-39002 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: 3 solder stud Specification Data: 81349-mil-r-39002/1 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Fig:	Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power:
Power Dissipation Rating Per Section In Watts: 1.5 free air single section Resistance Tolerance Per Section In Percent: -5.0/+5.0 single section Actuator Travel Control Feature: Stops Ambient Tempurature In Deg Celsius Per Section At Full Rated Power: 85.0 single section Test Data Document: 81349-mil-r-39002 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: 3 solder stud Specification Data: 81349-mil-r-39002/1 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Fig:	135.0 single section
Power Dissipation Rating Per Section In Watts: 1.5 free air single section Resistance Tolerance Per Section In Percent: -5.0/+5.0 single section Actuator Travel Control Feature: Stops Ambient Tempurature In Deg Celsius Per Section At Full Rated Power: 85.0 single section Test Data Document: 81349-mil-r-39002 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: 3 solder stud Specification Data: 81349-mil-r-39002/1 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Fig:	Tempurature Coefficient Of Resistance Per Section In Ppm Per Deg Celsius:
1.5 free air single section Resistance Tolerance Per Section In Percent: -5.0/+5.0 single section Actuator Travel Control Feature: Stops Ambient Tempurature In Deg Celsius Per Section At Full Rated Power: 85.0 single section Test Data Document: 81349-mil-r-39002 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: 3 solder stud Specification Data: 81349-mil-r-39002/1 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Fig:	-70.0/+70.0 single section
Resistance Tolerance Per Section In Percent: -5.0/+5.0 single section Actuator Travel Control Feature: Stops Ambient Tempurature In Deg Celsius Per Section At Full Rated Power: 85.0 single section Test Data Document: 81349-mil-r-39002 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: 3 solder stud Specification Data: 81349-mil-r-39002/1 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Fiig:	Power Dissipation Rating Per Section In Watts:
-5.0/+5.0 single section Actuator Travel Control Feature: Stops Ambient Tempurature In Deg Celsius Per Section At Full Rated Power: 85.0 single section Test Data Document: 81349-mil-r-39002 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: 3 solder stud Specification Data: 81349-mil-r-39002/1 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Fitig:	1.5 free air single section
Actuator Travel Control Feature: Stops Ambient Tempurature In Deg Celsius Per Section At Full Rated Power: 85.0 single section Test Data Document: 81349-mil-r-39002 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: 3 solder stud Specification Data: 81349-mil-r-39002/1 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Fig:	Resistance Tolerance Per Section In Percent:
Ambient Tempurature In Deg Celsius Per Section At Full Rated Power: 85.0 single section Test Data Document: 81349-mil-r-39002 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: 3 solder stud Specification Data: 81349-mil-r-39002/1 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Fitig:	-5.0/+5.0 single section
Ambient Tempurature In Deg Celsius Per Section At Full Rated Power: 85.0 single section Test Data Document: 81349-mil-r-39002 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: 3 solder stud Specification Data: 81349-mil-r-39002/1 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Fitig:	Actuator Travel Control Feature:
85.0 single section Test Data Document: 81349-mil-r-39002 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: 3 solder stud Specification Data: 81349-mil-r-39002/1 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Fitig:	Stops
Test Data Document: 81349-mil-r-39002 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: 3 solder stud Specification Data: 81349-mil-r-39002/1 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Fitig:	Ambient Tempurature In Deg Celsius Per Section At Full Rated Power:
81349-mil-r-39002 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: 3 solder stud Specification Data: 81349-mil-r-39002/1 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Fiig:	85.0 single section
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: 3 solder stud Specification Data: 81349-mil-r-39002/1 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Fiig:	Test Data Document:
environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.). Terminal Type And Quantity: 3 solder stud Specification Data: 81349-mil-r-39002/1 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Fiig:	81349-mil-r-39002 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification
Terminal Type And Quantity: 3 solder stud Specification Data: 81349-mil-r-39002/1 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Fiig:	format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain
3 solder stud Specification Data: 81349-mil-r-39002/1 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Fiig:	environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).
Specification Data: 81349-mil-r-39002/1 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Fiig:	Terminal Type And Quantity:
81349-mil-r-39002/1 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Fiig:	3 solder stud
Shelf Life: N/a Unit Of Measure: Demilitarization: No Fiig:	Specification Data:
N/a Unit Of Measure: Demilitarization: No Fiig:	81349-mil-r-39002/1 government specification
Unit Of Measure: Demilitarization: No Fiig:	Shelf Life:
Demilitarization: No Fiig:	N/a
No Fiig:	Unit Of Measure:
No Fiig:	
Fiig:	Demilitarization:
	No
A002a0	Fiig:
	A002a0