## NSN 5905-00-433-5397

Precision Wire Wound Variable Resistor - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5905-00-433-5397 **Section Quantity: Body Style:** Cylindrical bushing mounted **Overall Length:** 2.269 inches **Shaft Diameter:** 0.250 inches **Shaft Length:** 0.750 inches **Mounting Bushing Length:** 0.250 inches **Body Length:** 1.457 inches **Overall Diameter:** 1.063 inches **Shaft Style:** Round **Shaft Bearing Type:** Sleeve **Actuator Type:** Single shaft **Effective Electrical Rotation In Deg Angular Rotation:** 3600.0 **Maximum Starting Torque:** 0.60 inch-ounces **Maximum Running Torque:** 0.60 inch-ounces **Shaft End Play:** 0.00850 inches **Shaft Runout:** 0.001 inches **Lateral Runout:** 0.003 inches **Pilot Diameter Runout:** 0.00100 inches **Shaft Radial Play:** 

0.003 inches **Screw Thread Diameter:** 0.375 inches **Screw Thread Series Designator:** Unef

## NSN 5905-00-433-5397

Precision Wire Wound Variable Resistor - Page 2 of 2



Mounting Method: Standard bushing Electrical Resistance Per Section: 500.000 ohms single section Rotary Actuator Travel In Angular Deg: 300.00 Function Conformity Tolerance Per Section: -0.254-0.25 single section Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power: 85.0 single section Tempurature Coefficient Of Resistance Per Section In Ppm Per Deg Celsius: -2.0.0+2.0,0 single section Power Dissipation Rating Per Section In Watts: 1.5 free air single section Function Conformity Per Section: Single section Independent linearity Resistance Tolerance Per Section In Percent: -3.0/+3.0 single section Actuator Travel Control Feature: Stops Function Characteristic Per Section: Single section linear Ambient Tempurature in Deg Celsius Per Section At Full Rated Power: 40.0 single section 1-815-0-443-0483 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 turet Shelf Life: Na Unit of Measure:	Screw Thready Qty Per Inch (tpi):
Electrical Resistance Per Section:  500.000 ohms single section  Rotary Actuator Travel In Angular Deg: 3600.0  Function Conformity Tolerance Per Section: -0.25/40.25 single section  Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power: 85.0 single section  Tempurature Coefficient Of Resistance Per Section In Ppm Per Deg Celsius: -20.04/20.0 single section  Tempurature Coefficient Of Resistance Per Section In Ppm Per Deg Celsius: -20.04/20.0 single section  Tempurature Coefficient Of Resistance Per Section In Ppm Per Deg Celsius: -20.04/20.0 single section  Function Conformity Per Section: Single section Independent linearity Resistance Tolerance Per Section In Percent: -3.04/2.0 single section  Actuator Travel Control Feature: Stops  Function Characteristic Per Section: Single section linear  Ambient Tempurature In Deg Celsius Per Section At Full Rated Power: 40.0 single section  Test Data Document: 94756-443-9483 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 turet  No  Unit Of Measure: Demilitarization: No  Flig:	32.0
Electrical Resistance Per Section: 500.000 ohms single section Rotary Actuator Travel in Angular Deg: 3600.0 Function Conformity Tolerance Per Section: -0.25/+0.25 single section Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power: 85.0 single section Ambient Tempurature Coefficient Of Resistance Per Section in Ppm Per Deg Celsius: -20.0/+20.0 single section Power Dissipation Rating Per Section In Watts: -1.5 free air single section Power Dissipation Rating Per Section In Watts: -1.5 free air single section Function Conformity Per Section: Single section independent linearity Resistance Tolerance Per Section in Percent: -3.0/+3.0 single section Actuator Travel Control Feature: Stops Function Characteristic Per Section: Single section linear Ambient Tempurature in Deg Celsius Per Section At Full Rated Power: 40.0 single section Test Data Document: 94756-443-0483 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 Sheff Life: Na Unit Of Measure: Demilitarization: No Filig:	Mounting Method:
Socious Actuator Travel In Angular Deg: 3600.0  Function Conformity Tolerance Per Section:	Standard bushing
Rotary Actuator Travel In Angular Deg: 3600.0  Function Conformity Tolerance Per Section: -0.25/+0.25 single section Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power: 85.0 single section  Tempurature Coefficient Of Resistance Per Section In Ppm Per Deg Celsius: -20.0/±20.0 single section  Power Dissipation Rating Per Section In Watts: -1.5 free air single section  Function Conformity Per Section: Single section independent linearity Resistance Tolerance Per Section In Percent: -3.0/±3.0 single section  Actuator Travel Control Feature: Stops  Function Characteristic Per Section: Single section linear  Ambient Tempurature In Deg Celsius Per Section At Full Rated Power: 4.0.0 single section  Test Data Document: 94756-443-0483 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 turnet  Shelf Life: N/a  Unit Of Measure: Demilitarization: No  Flig:	Electrical Resistance Per Section:
Function Conformity Tolerance Per Section: -0.254-0.25 single section Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power: 85.0 single section Tempurature Coefficient Of Resistance Per Section In Ppm Per Deg Celsius: -20.0/+20.0 single section Power Dissipation Rating Per Section In Watts: 1.5 free air single section Function Conformity Per Section: Single section Interest	500.000 ohms 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: 85.0 single section Tempurature Coefficient Of Resistance Per Section In Ppm Per Deg Celsius: -20.0/+20.0 single section Power Dissipation Rating Per Section In Watts: 1.5 free air single section Function Conformity Per Section: Single section independent linearity Resistance Tolerance Per Section in Percent: -3.0/+3.0 single section Actuator Travel Control Feature: Stops Function Characteristic Per Section: Single section linear Ambient Tempurature In Deg Celsius Per Section At Full Rated Power: 40.0 single section Test Data Document: 94756-443-0483 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 Shelf Life: N/a Unit Of Measure: Demilitarization: No Flig:	Rotary Actuator Travel In Angular Deg:
-0.25/+0.25 single section  Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power: 85.0 single section  Tempurature Coefficient Of Resistance Per Section In Ppm Per Deg Celsius: -20.0/+20.0 single section  Power Dissipation Rating Per Section In Watts: 1.5 free air single section  Function Conformity Per Section: Single section independent linearity  Resistance Tolerance Per Section In Percent: -3.0/+3.0 single section  Actuator Travel Control Feature: Stops  Function Characteristic Per Section: Single section linear  Ambient Tempurature In Deg Celsius Per Section At Full Rated Power: 40.0 single section  Test Data Document: 94756-443-0483 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  Shelf Life: N/a  Unit Of Measure: Demilitarization: No Flig:	3600.0
Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power:  85.0 single section  Tempurature Coefficient Of Resistance Per Section In Ppm Per Deg Celsius:  -20.04-20.0 single section  Power Dissipation Rating Per Section In Watts:  1.5 free air single section  Function Conformity Per Section:  Single section independent linearity  Resistance Tolerance Per Section In Percent:  -3.0/+3.0 single section  Actuator Travel Control Feature:  Stops  Function Characteristic Per Section:  Single section Inear  Ambient Tempurature In Deg Celsius Per Section At Full Rated Power:  40.0 single section  Test Data Document:  94756-443-0483 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 turet  Shelf Life:  Via  Unit Of Measure:   Demilitarization:  No  Fig:	Function Conformity Tolerance Per Section:
85.0 single section  Tempurature Coefficient Of Resistance Per Section In Ppm Per Deg Celsius: -20.0/+20.0 single section  Power Dissipation Rating Per Section In Watts: 1.5 free air single section  Function Conformity Per Section: Single section independent linearity  Resistance Tolerance Per Section In Percent: -3.0/+3.0 single section  Actuator Travel Control Feature: Stops  Function Characteristic Per Section: Single section linear  Ambient Tempurature In Deg Celsius Per Section At Full Rated Power: 4.0.0 single section  Test Data Document: 94756-443-0483 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  Shelf Life:  No  Unit Of Measure:  Demilitarization: No  Flig:	-0.25/+0.25 single section
Tempurature Coefficient Of Resistance Per Section In Ppm Per Deg Celsius:  -20.0/+20.0 single section  Power Dissipation Rating Per Section In Watts:  1.5 free air single section  Function Conformity Per Section:  Single section independent linearity  Resistance Tolerance Per Section In Percent:  -3.0/+3.0 single section  Actuator Travel Control Feature:  Stops  Function Characteristic Per Section:  Single section linear  Ambient Tempurature In Deg Celsius Per Section At Full Rated Power:  40.0 single section  Test Data Document:  94756-443-0493 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  Shelf Life:  N/a  Unit Of Measure:   Demilitarization:  No  Flig:	Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power:
-20.0/+20.0 single section  Power Dissipation Rating Per Section In Watts:  1.5 free air single section  Function Conformity Per Section:  Single section independent linearity  Resistance Tolerance Per Section In Percent:  -3.0/+3.0 single section  Actuator Travel Control Feature:  Stops  Function Characteristic Per Section:  Single section linear  Ambient Tempurature In Deg Celsius Per Section At Full Rated Power:  40.0 single section  Test Data Document:  94756-443-0483 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  Shelf Life:  N/a  Unit Of Measure:   Demilitarization:  No  Fig:	85.0 single section
Power Dissipation Rating Per Section In Watts:  1.5 free air single section  Function Conformity Per Section:  Single section independent linearity  Resistance Tolerance Per Section In Percent:  -3.0/+3.0 single section  Actuator Travel Control Feature:  Stops  Function Characteristic Per Section:  Single section linear  Ambient Tempurature In Deg Celsius Per Section At Full Rated Power:  40.0 single section  Test Data Document:  94756-443-0483 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  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  Function Conformity Per Section:  Single section independent linearity  Resistance Tolerance Per Section In Percent:  -3.0/+3.0 single section  Actuator Travel Control Feature:  Stops  Function Characteristic Per Section:  Single section linear  Ambient Tempurature In Deg Celsius Per Section At Full Rated Power:  40.0 single section  Test Data Document:  94756-443-0483 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  Shelf Life:  N/a  Unit Of Measure:   Demilitarization:  No  Fig:	-20.0/+20.0 single section
Function Conformity Per Section: Single section independent linearity  Resistance Tolerance Per Section In Percent: -3.0/+3.0 single section  Actuator Travel Control Feature: Stops  Function Characteristic Per Section: Single section linear  Ambient Tempurature In Deg Celsius Per Section At Full Rated Power: 40.0 single section  Test Data Document: 94756-443-0483 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  Shelf Life: N/a  Unit Of Measure: Demilitarization: No Fig:	Power Dissipation Rating Per Section In Watts:
Single section independent linearity  Resistance Tolerance Per Section In Percent: -3.0/+3.0 single section  Actuator Travel Control Feature: Stops  Function Characteristic Per Section: Single section linear  Ambient Tempurature In Deg Celsius Per Section At Full Rated Power: 40.0 single section  Test Data Document: 94756-443-0483 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  Shelf Life: N/a  Unit Of Measure: Demilitarization: No Fig:	1.5 free air single section
Resistance Tolerance Per Section In Percent: -3.0/+3.0 single section Actuator Travel Control Feature: Stops Function Characteristic Per Section: Single section linear Ambient Tempurature In Deg Celsius Per Section At Full Rated Power: 40.0 single section Test Data Document: 94756-443-0483 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 Shelf Life: N/a Unit Of Measure: Demilitarization: No Fitig:	Function Conformity Per Section:
-3.0/+3.0 single section  Actuator Travel Control Feature: Stops  Function Characteristic Per Section: Single section linear  Ambient Tempurature In Deg Celsius Per Section At Full Rated Power: 40.0 single section  Test Data Document: 94756-443-0483 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  Shelf Life: N/a  Unit Of Measure:  Demilitarization: No  Fig:	Single section independent linearity
Actuator Travel Control Feature: Stops Function Characteristic Per Section: Single section linear Ambient Tempurature In Deg Celsius Per Section At Full Rated Power: 40.0 single section Test Data Document: 94756-443-0483 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 Shelf Life: N/a Unit Of Measure: Demilitarization: No Fitig:	Resistance Tolerance Per Section In Percent:
Stops Function Characteristic Per Section: Single section linear Ambient Tempurature In Deg Celsius Per Section At Full Rated Power: 40.0 single section Test Data Document: 94756-443-0483 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 Shelf Life: N/a Unit Of Measure: Demilitarization: No Fitig:	-3.0/+3.0 single section
Function Characteristic Per Section:  Single section linear  Ambient Tempurature In Deg Celsius Per Section At Full Rated Power: 40.0 single section  Test Data Document: 94756-443-0483 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  Shelf Life: N/a  Unit Of Measure:  Demilitarization: No  Fig:	Actuator Travel Control Feature:
Single section linear  Ambient Tempurature In Deg Celsius Per Section At Full Rated Power: 40.0 single section  Test Data Document: 94756-443-0483 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  Shelf Life: N/a  Unit Of Measure:  Demilitarization: No  Fiig:	Stops
Ambient Tempurature In Deg Celsius Per Section At Full Rated Power:  40.0 single section  Test Data Document:  94756-443-0483 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  Shelf Life: N/a  Unit Of Measure:  Demilitarization: No  Fiig:	Function Characteristic Per Section:
40.0 single section  Test Data Document:  94756-443-0483 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  Shelf Life: N/a  Unit Of Measure:  Demilitarization: No  Fiig:	Single section linear
Test Data Document:  94756-443-0483 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  Shelf Life:  N/a  Unit Of Measure:   Demilitarization:  No  Fiig:	Ambient Tempurature In Deg Celsius Per Section At Full Rated Power:
94756-443-0483 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  Shelf Life: N/a Unit Of Measure: Demilitarization: No Fiig:	40.0 single section
excludes any specification, standard or other document that may be referenced in a basic governing drawing)  Terminal Type And Quantity: 3 turret  Shelf Life: N/a Unit Of Measure: Demilitarization: No Fiig:	Test Data Document:
Terminal Type And Quantity: 3 turret Shelf Life: N/a Unit Of Measure: Demilitarization: No Fiig:	94756-443-0483 drawing (this is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.
3 turret  Shelf Life: N/a Unit Of Measure: Demilitarization: No Fiig:	excludes any specification, standard or other document that may be referenced in a basic governing drawing)
Shelf Life: N/a Unit Of Measure: Demilitarization: No Fiig:	Terminal Type And Quantity:
N/a Unit Of Measure: Demilitarization: No Fiig:	3 turret
Unit Of Measure: Demilitarization: No Fiig:	Shelf Life:
Demilitarization:  No Fiig:	N/a
No Fiig:	Unit Of Measure:
No Fiig:	<del></del>
Fiig:	Demilitarization:
	No
A002a0	Fiig:
	A002a0