## NSN 5905-00-851-5647

**Section Quantity:** 

Cylindrical bushing mounted

**Body Style:** 

Nonprecision Nonwire Wound Variable Resistor - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5905-00-851-5647

Not established  Body Diameter: 0.500 inches Shaft Diameter: 0.125 inches Shaft Length: 0.625 inches Mounting Bushing Length: 0.250 inches Body Length: 0.453 inches Shaft Style: Round, slotted Actuator Type: Single shaft Effective Electrical Rotation In Deg Angular Rotation: Between 292.0 and 298.0 Nonturn Device Location: At 3 oclock and at 9 oclock Nonturn Device Radius: 0.245 inches Screw Thread Diameter: 0.250 inches Screw Thread Series Designator: Unef Screw Thready Qty Per Inch (tpi): 32.0 Terminal Location: Rear end Mounting Method: Clamp ring and standard bushing Electrical Resistance Per Section: 2.5 kilohms single section Rotary Actuator Travel In Angular Deg: Between 292.0 and 298.0 Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power: 120.0 single section	Reliability Indicator:
Shaft Diameter: 0.125 inches Shaft Length: 0.625 inches Mounting Bushing Length: 0.250 inches Body Length: 0.453 inches Shaft Style: Round, slotted Actuator Type: Single shaft Effective Electrical Rotation In Deg Angular Rotation: Between 292.0 and 298.0 Nonturn Device Location: At 3 oclock and at 9 oclock Nonturn Device Radius: 0.245 inches Screw Thread Diameter: 0.250 inches Screw Thread Series Designator: Unef Screw Thread Qty Per Inch (tpi): 32.0 Terminal Location: Rear end Mounting Method: Clamp ring and standard bushing Electrical Resistance Per Section: 2.5 kilohms single section Rotary Actuator Travel In Angular Deg: Between 292.0 and 298.0 Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power:	Not established
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Round, slotted  Actuator Type: Single shaft  Effective Electrical Rotation In Deg Angular Rotation:  Between 292.0 and 298.0  Nonturn Device Location: At 3 oclock and at 9 oclock  Nonturn Device Radius: 0.245 inches  Screw Thread Diameter: 0.250 inches  Screw Thread Series Designator: Unef  Screw Thready Qty Per Inch (tpi): 32.0  Terminal Location: Rear end  Mounting Method: Clamp ring and standard bushing  Electrical Resistance Per Section: 2.5 kilohms single section  Rotary Actuator Travel In Angular Deg: Between 292.0 and 298.0  Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power:	0.453 inches
Actuator Type: Single shaft  Effective Electrical Rotation In Deg Angular Rotation: Between 292.0 and 298.0  Nonturn Device Location: At 3 oclock and at 9 oclock Nonturn Device Radius: 0.245 inches Screw Thread Diameter: 0.250 inches Screw Thread Series Designator: Unef Screw Thready Qty Per Inch (tpi): 32.0  Terminal Location: Rear end Mounting Method: Clamp ring and standard bushing Electrical Resistance Per Section: 2.5 kilohms single section Rotary Actuator Travel In Angular Deg: Between 292.0 and 298.0  Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power:	Shaft Style:
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Effective Electrical Rotation In Deg Angular Rotation:  Between 292.0 and 298.0  Nonturn Device Location:  At 3 oclock and at 9 oclock  Nonturn Device Radius: 0.245 inches  Screw Thread Diameter: 0.250 inches  Screw Thread Series Designator: Unef  Screw Thready Qty Per Inch (tpi): 32.0  Terminal Location: Rear end  Mounting Method: Clamp ring and standard bushing  Electrical Resistance Per Section: 2.5 kilohms single section  Rotary Actuator Travel In Angular Deg: Between 292.0 and 298.0  Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power:	Actuator Type:
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Nonturn Device Location: At 3 oclock and at 9 oclock Nonturn Device Radius: 0.245 inches Screw Thread Diameter: 0.250 inches Screw Thread Series Designator: Unef Screw Thready Qty Per Inch (tpi): 32.0 Terminal Location: Rear end Mounting Method: Clamp ring and standard bushing Electrical Resistance Per Section: 2.5 kilohms single section Rotary Actuator Travel In Angular Deg: Between 292.0 and 298.0 Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power:	Effective Electrical Rotation In Deg Angular Rotation:
At 3 oclock and at 9 oclock  Nonturn Device Radius:  0.245 inches  Screw Thread Diameter:  0.250 inches  Screw Thread Series Designator: Unef  Screw Thready Qty Per Inch (tpi): 32.0  Terminal Location: Rear end  Mounting Method: Clamp ring and standard bushing  Electrical Resistance Per Section: 2.5 kilohms single section  Rotary Actuator Travel In Angular Deg: Between 292.0 and 298.0  Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power:	Between 292.0 and 298.0
Nonturn Device Radius:  0.245 inches  Screw Thread Diameter: 0.250 inches  Screw Thread Series Designator: Unef Screw Thready Qty Per Inch (tpi): 32.0  Terminal Location: Rear end Mounting Method: Clamp ring and standard bushing  Electrical Resistance Per Section: 2.5 kilohms single section  Rotary Actuator Travel In Angular Deg: Between 292.0 and 298.0  Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power:	Nonturn Device Location:
0.245 inches  Screw Thread Diameter: 0.250 inches  Screw Thread Series Designator: Unef  Screw Thready Qty Per Inch (tpi): 32.0  Terminal Location: Rear end  Mounting Method: Clamp ring and standard bushing  Electrical Resistance Per Section: 2.5 kilohms single section  Rotary Actuator Travel In Angular Deg: Between 292.0 and 298.0  Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power:	At 3 oclock and at 9 oclock
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Unef Screw Thready Qty Per Inch (tpi): 32.0 Terminal Location: Rear end Mounting Method: Clamp ring and standard bushing Electrical Resistance Per Section: 2.5 kilohms single section Rotary Actuator Travel In Angular Deg: Between 292.0 and 298.0 Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power:	0.250 inches
Screw Thready Qty Per Inch (tpi): 32.0  Terminal Location: Rear end  Mounting Method: Clamp ring and standard bushing  Electrical Resistance Per Section: 2.5 kilohms single section  Rotary Actuator Travel In Angular Deg: Between 292.0 and 298.0  Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power:	Screw Thread Series Designator:
Terminal Location: Rear end Mounting Method: Clamp ring and standard bushing Electrical Resistance Per Section: 2.5 kilohms single section Rotary Actuator Travel In Angular Deg: Between 292.0 and 298.0 Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power:	Unef
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Rear end  Mounting Method: Clamp ring and standard bushing  Electrical Resistance Per Section: 2.5 kilohms single section  Rotary Actuator Travel In Angular Deg: Between 292.0 and 298.0  Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power:	32.0
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Clamp ring and standard bushing  Electrical Resistance Per Section:  2.5 kilohms single section  Rotary Actuator Travel In Angular Deg:  Between 292.0 and 298.0  Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power:	Rear end
Electrical Resistance Per Section:  2.5 kilohms single section  Rotary Actuator Travel In Angular Deg:  Between 292.0 and 298.0  Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power:	Mounting Method:
2.5 kilohms single section  Rotary Actuator Travel In Angular Deg:  Between 292.0 and 298.0  Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power:	Clamp ring and standard bushing
Rotary Actuator Travel In Angular Deg:  Between 292.0 and 298.0  Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power:	Electrical Resistance Per Section:
Between 292.0 and 298.0  Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power:	2.5 kilohms single section
Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power:	Rotary Actuator Travel In Angular Deg:
	Between 292.0 and 298.0
120.0 single section	Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power:
	120.0 single section

## NSN 5905-00-851-5647

Fiig: A002a0

Nonprecision Nonwire Wound Variable Resistor - Page 2 of 2



Power Dissipation Rating Per Section In Watts:
0.25 free air single section
Resistance Tolerance Per Section In Percent:
-10.0/+10.0 single section
Actuator Travel Control Feature:
Clutch
Ambient Tempurature In Deg Celsius Per Section At Full Rated Power:
70.0 single section
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:
3 tab, solder lug
Specification Data:
81349-mil-r-94/3 government specification
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No