NSN 5905-01-513-7896

Precision Nonwire Wound Variable Resistor - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5905-01-513-7896 **Section Quantity: Body Style:** Cylindrical servo mounted **Reliability Indicator:** Not established **Pilot Diameter:** 0.6250 inches Pilot Length: 0.0620 inches **Undercut Diameter:** 0.7810 inches **Undercut Width:** 0.0570 inches **Body Diameter:** 0.8750 inches **Shaft Diameter:** Between 0.1245 inches and 0.1248 inches **Shaft Length:** 0.3750 inches **Body Length:** 0.8750 inches **Mounting Lip Diameter:** 0.8750 inches **Mounting Lip Depth:** 0.0620 inches **Shaft Style:** Round **Shaft Bearing Type:** Ball **Actuator Type:** Single shaft **Effective Electrical Rotation In Deg Angular Rotation:** 3600.0 **Maximum Starting Torque: Maximum Running Torque:**

0.60 inch-ounces 0.060 inch-ounces **Shaft End Play:** 0.005 inches **Shaft Runout:** 0.002 inches

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Lateral Runout:
0.004 inches
Pilot Diameter Runout:
0.002 inches
Shaft Radial Play:
0.002 inches
Fragility Factor:
Rugged
Terminal Location:
Radially positioned over less than half the circumference
Mounting Method:
Clamp ring
Electrical Resistance Per Section:
5.0 kilohms single section
Rotary Actuator Travel In Angular Deg:
3600.0
Function Conformity Tolerance Per Section:
-0.10/+0.10 single section
Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power:
125.0 single section
Tempurature Coefficient Of Resistance Per Section In Ppm Per Deg Celsius:
-140.0/-60.0 single section
Power Dissipation Rating Per Section In Watts:
Power Dissipation Rating Per Section In Watts: 2.0 free air single section
2.0 free air single section
2.0 free air single section Function Conformity Per Section:
2.0 free air single section Function Conformity Per Section: Single section independent linearity
2.0 free air single section Function Conformity Per Section: Single section independent linearity Resistance Tolerance Per Section In Percent:
2.0 free air single section Function Conformity Per Section: Single section independent linearity Resistance Tolerance Per Section In Percent: -10.0/+10.0 single section
2.0 free air single section Function Conformity Per Section: Single section independent linearity Resistance Tolerance Per Section In Percent: -10.0/+10.0 single section Actuator Travel Control Feature:
2.0 free air single section Function Conformity Per Section: Single section independent linearity Resistance Tolerance Per Section In Percent: -10.0/+10.0 single section Actuator Travel Control Feature: Stops
2.0 free air single section Function Conformity Per Section: Single section independent linearity Resistance Tolerance Per Section In Percent: -10.0/+10.0 single section Actuator Travel Control Feature: Stops Function Characteristic Per Section:
2.0 free air single section Function Conformity Per Section: Single section independent linearity Resistance Tolerance Per Section In Percent: -10.0/+10.0 single section Actuator Travel Control Feature: Stops Function Characteristic Per Section: Single section linear
2.0 free air single section Function Conformity Per Section: Single section independent linearity Resistance Tolerance Per Section In Percent: -10.0/+10.0 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:
2.0 free air single section Function Conformity Per Section: Single section independent linearity Resistance Tolerance Per Section In Percent: -10.0/+10.0 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: 70.0 single section
2.0 free air single section Function Conformity Per Section: Single section independent linearity Resistance Tolerance Per Section In Percent: -10.0/+10.0 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: 70.0 single section Terminal Type And Quantity:
2.0 free air single section Function Conformity Per Section: Single section independent linearity Resistance Tolerance Per Section In Percent: -10.0/+10.0 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: 70.0 single section Terminal Type And Quantity: 3 tab, solder lug
2.0 free air single section Function Conformity Per Section: Single section independent linearity Resistance Tolerance Per Section In Percent: -10.0/+10.0 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: 70.0 single section Terminal Type And Quantity: 3 tab, solder lug Shelf Life:
2.0 free air single section Function Conformity Per Section: Single section independent linearity Resistance Tolerance Per Section In Percent: -10.0/+10.0 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: 70.0 single section Terminal Type And Quantity: 3 tab, solder lug Shelf Life: N/a
2.0 free air single section Function Conformity Per Section: Single section independent linearity Resistance Tolerance Per Section In Percent: -10.0/+10.0 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: 70.0 single section Terminal Type And Quantity: 3 tab, solder lug Shelf Life: N/a
2.0 free air single section Function Conformity Per Section: Single section independent linearity Resistance Tolerance Per Section In Percent: -10.0/+10.0 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: 70.0 single section Terminal Type And Quantity: 3 tab, solder lug Shelf Life: N/a Unit Of Measure:
2.0 free air single section Function Conformity Per Section: Single section independent linearity Resistance Tolerance Per Section In Percent: -10.0/+10.0 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: 70.0 single section Terminal Type And Quantity: 3 tab, solder lug Shelf Life: N/a Unit Of Measure: Demilitarization: