NSN 5905-01-166-7918

Nonprecision Nonwire Wound Variable Resistor - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5905-01-166-7918 **Section Quantity:** 2 **Body Style:** Cylindrical bushing mounted **Reliability Indicator:** Not established **Body Diameter:** 1.094 inches **Shaft Diameter:** 0.250 inches **Shaft Length:** 0.875 inches **Mounting Bushing Length:** 0.375 inches **Body Length:** 1.359 inches **Shaft Style:** Round, slotted **Actuator Type:** Single shaft **Effective Electrical Rotation In Deg Angular Rotation:** Between 309.0 and 320.0 **Maximum Starting Torque:** 12.00 inch-ounces **Maximum Running Torque:** 12.00 inch-ounces **Maximum Stop Torque:** 128.00 inch-ounces **Nonturn Device Location:** At 9 oclock **Nonturn Device Radius:** 0.531 inches **Fragility Factor:** Moderately delicate **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

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Mounting Method:
Standard bushing
Features Provided:
Shaft seal
Electrical Resistance Per Section:
3.500 kilohms all sections
Rotary Actuator Travel In Angular Deg:
Between 309.0 and 320.0
Resistance Tempurature Characteristic Range Per Section In Percent:
$-3.0/+0.0 -55 \ degrees \ celsius \ all \ sections \ and \ -5.0/+10.0 \ -25 \ degrees \ celsius \ all \ sections \ and \ -5.0/+10.0 \ 25 \ degrees \ celsius \ all \ sections \ and \ -5.0/+10.0 \ 25 \ degrees \ celsius \ all \ sections \ and \ -6.0/+10.0 \ 25 \ degrees \ celsius \ and \ -6.0/+10.0 \ 25 \ degrees \ celsius \ and \ -6.0/+10.0 \ 25 \ degrees \ celsius \ and \ -6.0/+10.0 \ 25 \ degrees \ celsius \ and \ -6.0/+10.0 \ 25 \ degrees \ celsius \ and \ -6.0/+10.0 \ 25 \ degrees \ celsius \ and \ -6.0/+10.0 \ 25 \ degrees \ and \ -6.0/+10.0 \ 25 \ degrees \ and \ -6.0/+10.0 \ and \ -6$
+0.0/+3.0 120 degrees celsius all sections
Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power:
120.0 all sections
Power Dissipation Rating Per Section In Watts:
2.0 free air all sections
Resistance Tolerance Per Section In Percent:
-10.0/+10.0 all sections
Actuator Travel Control Feature:
Stops
Ambient Tempurature In Deg Celsius Per Section At Full Rated Power:
70.0 all sections
Standard Taper Curve Per Section:
A all sections
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:
6 tab, solder lug
Specification Data:
81349-mil-r-94/6 government specification
Shelf Life:
N/a
Unit Of Measure:

Demilitarization:
No
Fiig:
A002a0