NSN 5905-00-931-6983

Nonprecision Nonwire Wound Variable Resistor - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5905-00-931-6983 **Section Quantity:** 2 **Body Style:** Cylindrical bushing mounted **Reliability Indicator:** Not established **Body Diameter:** 1.156 inches **Shaft Diameter:** 0.250 inches **Shaft Length:** 1.188 inches **Mounting Bushing Length:** 0.375 inches **Body Length:** 1.312 inches **Undercut Diameter:** 0.125 inches **Shaft Style:** Round, stepped **Actuator Type: Dual concentric Effective Electrical Rotation In Deg Angular Rotation:** 312.0 **Nonturn Device Location:** At 9 oclock **Nonturn Device Radius:**

0.531 inches

End Application:

Kstrategic weapon systems (poseidon and trident); austin ship class lpd-4 amphibious transport docks; emory s. Land class as; spruance class dd (963); forrestal class cv; oliver perry class ffg; nimitz class cvn

Undercut Length:

0.313 inches

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

Mounting Method:

Standard bushing

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Electrical Resistance Per Section:
500.0 ohms all sections
Rotary Actuator Travel In Angular Deg:
312.0
Resistance Tempurature Characteristic Range Per Section In Percent:
+0.0/+4.5 -55 degrees celsius all sections and +0.0/+2.5 -25 degrees celsius all sections and +0.0/+1.5 0 degrees celsius all sections and
-1.5/+1.5 85 degrees celsius all sections and +0.0/+3.5 120 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:
2.25 heat sink all sections
Resistance Tolerance Per Section In Percent:
-10.0/+10.0 all sections
Actuator Travel Control Feature:
Stops
Criticality Code Justification:
Feat
Ambient Tempurature In Deg Celsius Per Section At Full Rated Power:
70.0 all sections
Standard Taper Curve Per Section:
A all sections
Special Features:
Weapon system essential
Terminal Type And Quantity:
6 tab, solder lug
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No
Fiig: