## NSN 5905-00-425-6042

Nonprecision Nonwire Wound Variable Resistor - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5905-00-425-6042

Section Quantity:
1
Body Style:
Cylindrical bushing mounted
Reliability Indicator:
Not established
Body Diameter:
Between 0.484 inches and 0.516 inches
Shaft Diameter:
Between 0.124 inches and 0.126 inches
Shaft Length:
Between 0.594 inches and 0.656 inches
Mounting Bushing Length:
Between 0.484 inches and 0.516 inches
Body Length:
Between 0.469 inches and 0.593 inches
Shaft Style:
Round, slotted
Shaft Bearing Type:
Sleeve
Actuator Type:
Single shaft
Effective Electrical Rotation In Deg Angular Rotation:
Between 292.0 and 298.0
Maximum Starting Torque:
6.00 inch-ounces
Maximum Running Torque:
6.00 inch-ounces
Maximum Stop Torque:
48.00 inch-ounces
Nonturn Device Location:
At 4'30 oclock and at 10'30 oclock
Nonturn Device Radius:
Between 0.240 inches and 0.250 inches
Fragility Factor:
Moderately rugged
Screw Thread Diameter:
0.250 inches
Screw Thread Series Designator:
Unef
Screw Thready Qty Per Inch (tpi):
32.0

32.0

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Terminal Location:
Rear end
Mounting Method:
Locking bushing
Features Provided:
Humidity proof and panel seal and shaft seal
Cubic Measure:
0.104 cubic inches
Electrical Resistance Per Section:
500.0 ohms 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:
175.0 single section
Tempurature Coefficient Of Resistance Per Section In Ppm Per Deg Celsius:
-250.0 to 250.0 single section
Power Dissipation Rating Per Section In Watts:
0.5 free air single section
Resistance Tolerance Per Section In Percent:
-10.0 to 10.0 single section
Actuator Travel Control Feature:
Stops
Ambient Tempurature In Deg Celsius Per Section At Full Rated Power:
125.0 single section
Standard Taper Curve Per Section:
A single section
Test Data Document:
81349-mil-r-23285 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-23285/3 government specification
Shelf Life:
N/a
Unit Of Measure:
<del></del>
Demilitarization:
No
Fiig:
A002a0