NSN 5905-01-332-7974

Nonprecision Nonwire Wound Variable Resistor - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5905-01-332-7974

view Offiline at https://aerobasegroup.com/htsi//3903-01-332-7974
Section Quantity:
1
Body Style:
Cylindrical bushing mounted
Reliability Indicator:
Not established
Body Diameter:
Between 0.844 inches and 0.968 inches
Shaft Diameter:
Between 0.248 inches and 0.251 inches
Shaft Length:
Between 0.844 inches and 0.906 inches
Mounting Bushing Length:
Between 0.360 inches and 0.432 inches
Body Length:
Between 0.391 inches and 0.609 inches
Shaft Style:
Round
Shaft Bearing Type:
Sleeve
Actuator Type:
Single shaft
Effective Electrical Rotation In Deg Angular Rotation:
Between 251.0 and 318.0
Maximum Starting Torque:
6.00 inch-ounces
Maximum Running Torque:
6.00 inch-ounces
Maximum Stop Torque:
128.00 inch-ounces
Nonturn Device Location:
At 9 oclock
Nonturn Device Radius:
Between 0.376 inches and 0.500 inches
Fragility Factor:
Moderately rugged
End Application:
An/tyq-2 (v) 1
Screw Thread Diameter:
0.375 inches
Screw Thread Series Designator:
Unef

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Screw Thready Qty Per Inch (tpi):
32.0
Terminal Location:
Radially positioned over less than half the circumference
Mounting Method:
Standard bushing
Features Provided:
Humidity proof and shaft seal
Cubic Measure:
0.322 cubic inches
Electrical Resistance Per Section:
50.0 kilohms single section
Rotary Actuator Travel In Angular Deg:
Between 251.0 and 318.0
Resistance Tempurature Characteristic Range Per Section In Percent:
3.0/+0.0 -55 degrees celsius single section and -5.0/+10.0 -25 degrees celsius single section and -5.0/+10.0 25 degrees celsius single
section and +0.0/+3.0 120 degrees celsius single section
Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power:
120.0 single section
Power Dissipation Rating Per Section In Watts:
1.0 free air single section
Resistance Tolerance Per Section In Percent:
10.0/+10.0 single section
Actuator Travel Control Feature:
Stops
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:
31349-mil-r-94 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification forma
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:
31349-mil-r-94/4 government specification
Shelf Life:
N/a
Unit Of Measure:

Fiig: A002a0

No

Demilitarization: