NSN 5905-00-824-3949

Nonprecision Nonwire Wound Variable Resistor - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5905-00-824-3949

g
Section Quantity:
1
Body Style:
Rectangular w/mounting holes
Reliability Indicator:
Not established
Overall Length:
0.725 inches
Terminal Length:
Between 0.160 inches and 0.220 inches
Overall Height:
Between 0.480 inches and 0.520 inches
Overall Width:
Between 0.210 inches and 0.250 inches
Mounting Hole Diameter:
0.093 inches
Shaft Diameter:
Between 0.058 inches and 0.098 inches
Shaft Length:
Between 0.015 inches and 0.055 inches
Body Length:
Between 0.480 inches and 0.520 inches
Body Width:
Between 0.210 inches and 0.250 inches
Body Height:
Between 0.480 inches and 0.520 inches
Shaft Style:
Round, slotted
Actuator Type:
Single shaft
Effective Electrical Rotation In Deg Angular Rotation:
1520.0
Center To Center Distance Between Terminals:
0.200 inches
Lateral Distance Between Mounting Hole Centers:
0.542 inches
Mounting Facility Quantity:
2
Terminal Location:
Left adjacent side single row
Mounting Method:

Unthreaded hole

NSN 5905-00-824-3949

Nonprecision Nonwire Wound Variable Resistor - Page 2 of 2



Electrical Resistance Per Section:
25.0 kilohms single section
Rotary Actuator Travel In Angular Deg:
360.0
Center To Center Distance Between Center Terminal And Outside Terminal:
Between 0.095 inches and 0.105 inches
Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power:
150.0 single section
Tempurature Coefficient Of Resistance Per Section In Ppm Per Deg Celsius:
-250.0/+250.0 single section
Power Dissipation Rating Per Section In Watts:
0.75 free air single section
Resistance Tolerance Per Section In Percent:
-10.0/+10.0 single section
Actuator Travel Control Feature:
Continuous motion
Ambient Tempurature In Deg Celsius Per Section At Full Rated Power:
85.0 single section
Standard Taper Curve Per Section:
A single section
Terminal Type And Quantity:
3 pin
Shelf Life:
N/a
Unit Of Measure:

Demilitarization:
No
Fiig:
A002a0