## NSN 5905-01-305-3081

Precision Wire Wound Variable Resistor - Page 1 of 2



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Section Quantity:
1
Body Style:
Cylindrical bushing mounted
Reliability Indicator:
Not established
Body Diameter:
Between 0.860 inches and 0.890 inches
Shaft Diameter:
Between 0.248 inches and 0.250 inches
Shaft Length:
Between 0.782 inches and 0.842 inches
Mounting Bushing Length:
Between 0.297 inches and 0.327 inches
Body Length:
Between 0.710 inches and 0.790 inches
Shaft Style:
Round, slotted
Shaft Bearing Type:
Sleeve
Actuator Type:
Single shaft
Effective Electrical Rotation In Deg Angular Rotation:
3600.0
Maximum Starting Torque:
1.50 inch-ounces
Maximum Running Torque:
1.50 inch-ounces
Maximum Stop Torque:
48.00 inch-ounces
Nonturn Device Location:
At 12 oclock
Nonturn Device Radius:
0.290 inches
Shaft End Play:
0.010 inches
Fragility Factor:
Moderately rugged
Screw Thread Diameter:
0.375 inches
Screw Thread Series Designator:
Unef

## NSN 5905-01-305-3081

Precision Wire Wound Variable Resistor - Page 2 of 2



Screw Thready Qty Per Inch (tpi):
32.0
Terminal Location:
Longitudinally positioned on the circumference
Mounting Method:
Standard bushing
Features Provided:
Humidity proof
Electrical Resistance Per Section:
50.0 kilohms single section
Rotary Actuator Travel In Angular Deg:
3600.0
Function Conformity Tolerance Per Section:
-0.25/+0.25 single section
Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power:
105.0 single section
Power Dissipation Rating Per Section In Watts:
2.0 free air single section
Function Conformity Per Section:
Single section independent linearity
Resistance Tolerance Per Section In Percent:
-5.0/+5.0 single section
Actuator Travel Control Feature:
Clutch
Function Characteristic Per Section:
Single section linear
Tempurature Coefficient Of Resistance Wire Per Section In Ppm Per Deg Celsius:
-20.0/+20.0 single section
Ambient Tempurature In Deg Celsius Per Section At Full Rated Power:
25.0 single section
Terminal Type And Quantity:
3 tab, solder lug
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No
Filig:
A002a0