## NSN 5905-01-293-2393

Precision Wire Wound Variable Resistor - Page 1 of 3



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Section Quantity:
1
Body Style:
Cylindrical servo mounted
Reliability Indicator:
Not established
Pilot Diameter:
Between 1.8740 inches and 1.8750 inches
Pilot Length:
Between 0.0570 inches and 0.0670 inches
Undercut Diameter:
1.875 inches
Undercut Width:
Between 0.0870 inches and 0.0970 inches
Body Diameter:
2.031 inches
Shaft Diameter:
Between 0.2494 inches and 0.250 inches
Shaft Length:
Between 0.969 inches and 1.031 inches
Body Length:
2.250 inches
Mounting Lip Diameter:
Between 1.9900 inches and 2.0050 inches
Mounting Lip Depth:
0.0730 inches
Shaft Style:
Round
Shaft Bearing Type:
Sleeve
Actuator Type:
Single shaft
Effective Electrical Rotation In Deg Angular Rotation:
Between 3600.0 and 3604.0
Maximum Starting Torque:
2.00 inch-ounces
Maximum Running Torque:
1.00 inch-ounces
Maximum Stop Torque:
600.00 inch-ounces

Shaft End Play: 0.005 inches

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Shaft Runout:
0.002 inches
Lateral Runout:
0.002 inches
Pilot Diameter Runout:
0.001 inches
Shaft Radial Play:
0.002 inches
Fragility Factor:
Moderately rugged
End Application:
An/slq-48, (uc
Terminal Location:
Radially positioned over less than half the circumference
Mounting Method:
Clamp ring
Features Provided:
Humidity proof
Cubic Measure:
7.069 cubic inches
Electrical Resistance Per Section:
5.0 kilohms single section
Rotary Actuator Travel In Angular Deg:
Between 3600.0 and 3610.0
Function Conformity Tolerance Per Section:
-0.10/+0.10 single section
Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power:
150.0 single section
Power Dissipation Rating Per Section In Watts:
5.0 free air single section
Function Conformity Per Section:
Single section independent linearity
Resistance Tolerance Per Section In Percent:
-1.0/+1.0 single section
Actuator Travel Control Feature:
Stops
Function Characteristic Per Section:
Single section linear
Ambient Tempurature In Deg Celsius Per Section At Full Rated Power:
85.0 single section
Unpackaged Unit Weight:
227.0 grams
Test Data Document:

81349-mil-r-12934 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

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Terminal Type And Quantity:
3 tab, solder lug
Specification Data:
81349-mil-r-12934/9 government specification
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No
Fiig:

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