# NSN 5905-01-542-2091

Nonprecision Nonwire Wound Variable Resistor - Page 1 of 2



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| C at  |
|---|
| Section Quantity:   |
| 1   |
| Body Style:   |
| Rectangular w/mounting holes  |
| Reliability Indicator:  |
| Not established   |
| Mounting Hole Diameter:   |
| Between 0.062 inches and 0.082 inches                                       |
| Shaft Diameter:   |
| 0.078 inches  |
| Shaft Length:   |
| 0.080 inches  |
| Body Length:  |
| Between 0.360 inches and 0.390 inches                                       |
| Body Width:   |
| Between 0.145 inches and 0.160 inches                                       |
| Body Height:  |
| Between 0.360 inches and 0.390 inches                                       |
| Shaft Style:  |
| Round, slotted  |
| Actuator Type:  |
| Single shaft  |
| Maximum Starting Torque:  |
| 5.00 inch-ounces  |
| Maximum Running Torque:   |
| 5.00 inch-ounces  |
| Lateral Distance Between Mounting Hole Centers:                             |
| 0.419 inches  |
| Mounting Facility Quantity:   |
| 2   |
| Terminal Location:  |
| Rear end  |
| Mounting Method:  |
| Unthreaded hole   |
| Electrical Resistance Per Section:  |
| 200000.0 ohms single section  |
| 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:   |
| -100.0 to 100.0 single section  |
|   |

0.5 free air single section

**Power Dissipation Rating Per Section In Watts:** 

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#### **Resistance Tolerance Per Section In Percent:**

-10.0 to 10.0 single section

### Ambient Tempurature In Deg Celsius Per Section At Full Rated Power:

85.0 single section

#### **Test Data Document:**

81349-mil-prf-22097 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 | 1: |
|----------|------|-----|----------|----|
|----------|------|-----|----------|----|

3 wire lead

#### **Specification Data:**

81349-mil-prf-22097/4 government specification

Shelf Life:

N/a

**Unit Of Measure:** 

**Demilitarization:** 

No

Fiig:

A002a0

### Mil-std (military Standard):

Mil-prf-22097 spec.