NSN 5905-00-889-0221

Thermal Resistor - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5905-00-889-0221

| Reliability Indicator: |
|----------------------------------------------------------------------|
| Not established |
| Terminal Surface Treatment: |
| Solder |
| Overall Length: |
| 1.188 inches |
| Terminal Length: |
| 0.438 inches |
| Overall Height: |
| 0.275 inches |
| Overall Width: |
| 0.750 inches |
| Body Outside Diameter: |
| 0.750 inches |
| Washer Thickness: |
| 0.046 inches |
| Ambient Tempurature At Full Rated Power: |
| 25.0 degrees celsius |
| Maximum Operating Temp: |
| 150.0 degrees celsius |
| Thermal Time Constant In Seconds: |
| 400.0 |
| Power Dissipation Constant In Milliwatts Per Deg Celsius: |
| 55.0 |
| Tempurature Points For Resistance Readings At Zero Power: |
| 75.0 degrees celsius 7th resistance-temperature point |
| Zero Power Resistance At Specificationified Temp: |
| 9.5 kilohms 1st resistance-temperature point |
| Resistance Tolerance At A Specificationified Tempurature In Percent: |
| -20.1/+20.1 10th resistance-temperature point |
| Inclosure Type: |
| Encapsulated |
| Cubic Measure: |
| 0.034 cubic inches |
| Zero Power Resistance: |
| 100.000 ohms |
| Zero Power Resistance Tolerance In Percent At Reference Temp: |
| -10.0/+10.0 |
| Reference Tempurature In Deg Celsius: |
| 25.0 |
| Unpackaged Unit Weight: |

6.116 grams

NSN 5905-00-889-0221

Thermal Resistor - Page 2 of 2



| Style | Des | ian | ato | r: |
|-------|-----|-----|-----|----|
| , | | | ~~~ | |

Washer assembly through hole mount

Terminal Type And Quantity:

1 tab, solder lug

•

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

No

Fiig:

A086a0