

View Online at <https://aerobasegroup.com/nsn/5905-01-629-6183>

**Temperature Coefficient Of Resistance In Ppm Per Deg Celsius:**

-100.0 to 100.0

**Electrical Resistance:**

5.620 kilohms

**Resistance Tolerance In Percent:**

-1.000 to 1.000

**Ambient Temperature In Deg Celsius At Full Rated Power:**

70.0

**Ambient Temperature In Deg Celsius At Zero Percent Rated Power:**

150.0

**Temperature Range Of Temperature Coefficient In Deg Celsius:**

-65.0 to 150.0

**Inclosure Method:**

Uninclosed

**Terminal Type:**

Terminal type per body style

**Reliability Indicator:**

Established

**Reliability Failure Rate Level In Percent:**

1.000

**Body Length:**

0.080 inches

**Body Width:**

0.050 inches

**Body Height:**

0.015 inches

**Power Dissipation Rating In Watts:**

0.150 free air

**Product Name:**

Qpl mil-prf-55342 qualified thin film resistor chip

**Special Features:**

Non-inductive; high purity alumina substrate; resistive element: tantalum nitride; chip termination: solder over nickel; plated solder: 90/10

**Style Designator:**

Termination pad each end

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A001a0

**Mil-std (military Standard):**

Mil-prf-55342 spec.