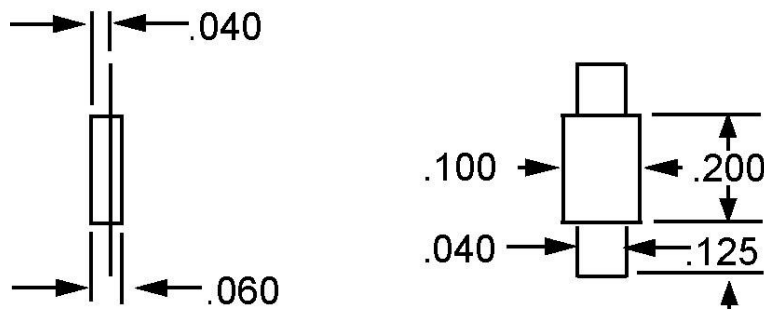


# HIGH POWER RESISTOR


## S1VV30050



| Electrical Specifications       |     | Material Specifications  |                    | General Specifications      |                               |
|---------------------------------|-----|--------------------------|--------------------|-----------------------------|-------------------------------|
| <b>RFT P/N Marking</b>          | 50  | <b>Substrate</b>         | BeO                | <b>Mechanical Tolerance</b> | ±.010"                        |
| <b>Power (Watt)</b>             | 30  | <b>Backside</b>          | Platinum/ silver   | <b>Resistance Tolerance</b> | ±5%<br>other values available |
| <b>Resistance (Ohm)</b>         | 50  | <b>Tab</b>               | Ni with Ag Plating | <b>Power Handling</b>       | 30 W @ 100°C<br>0 W @ 180°C   |
| <b>Frequency (GHz)</b>          | 2   | <b>Cover</b>             | Alumina Ceramic    | <b>Construction</b>         | Soldered                      |
| <b>Capacitance (pF Typical)</b> | .75 | <b>Resistive Element</b> | Thick Film         | <b>RoHS Compliance</b>      | YES with electronic exemption |

All dimensions are in inches

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|   |                    |                            |        |
|---|--------------------|----------------------------|--------|
|  | CAGE CODE<br>0NR42 | <b>30W 50 Ohm Resistor</b> |        |
|   |                    | Dwg. No.:S1VV30050         | Rev. A |