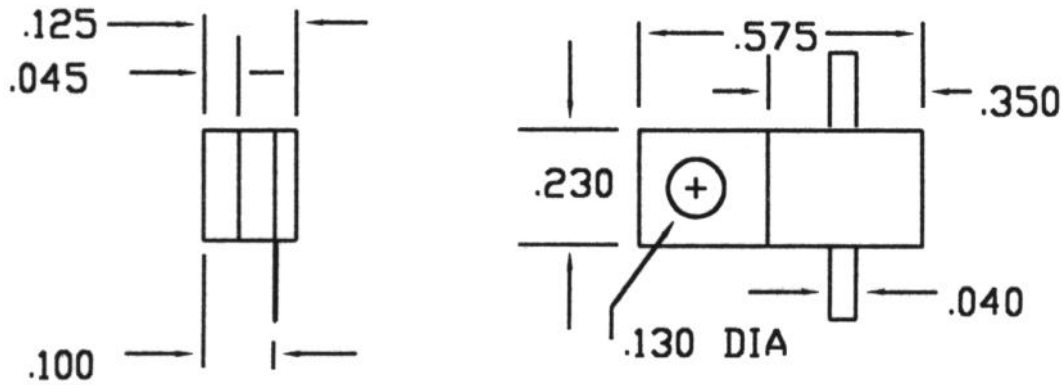


# HIGH POWER RESISTOR


## S1Y050100



Electrical Specifications		Material Specifications		General Specifications	
<b>RFT P/N</b>	S1Y050100	<b>Substrate</b>	BeO	<b>Mechanical Tolerance</b>	±.010"
<b>Power (Watt)</b>	50	<b>Flange</b>	Copper with Ni plating	<b>Resistance Tolerance</b>	±5%
<b>Resistance (Ohm)</b>	100	<b>Tab</b>	Nickel with Silver plating	<b>Power Handling</b>	50 W @ 100°C 0 W @ 180°C
<b>Frequency (GHz)</b>	4	<b>Cover</b>	Alumina	<b>Construction</b>	Lead free solder
<b>Capacitance (pF Typical)</b>	1.5	<b>Resistive Element</b>	Thick Film	<b>RoHS Compliance</b>	Yes with Electronic exemption

All dimensions are in inches. Minimum lead length 0.125". 1% & 2% resistance tolerance available. Other resistance values available.

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	CAGE CODE 0NR42	<b>50W 100 Ohm Resistor</b>	
		Dwg. No.:S1Y050100	Rev. A