

30 Watt Flange RF Power Resistor

Data Sheet RV30-XXX Rev B



DC - 3.0 GHz.
HYBR-FILM™



Model: RV30-XXX

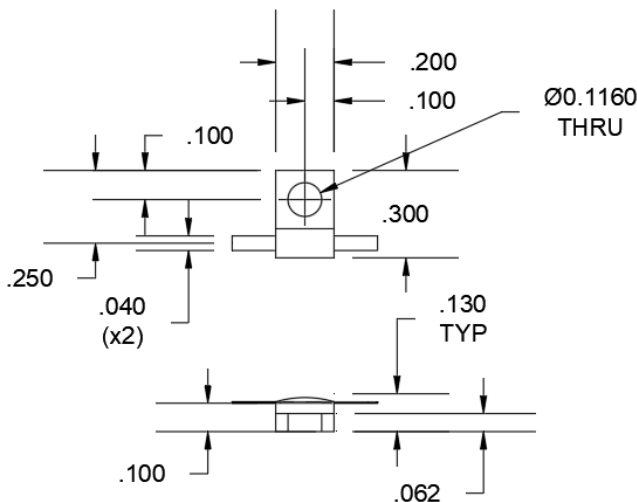
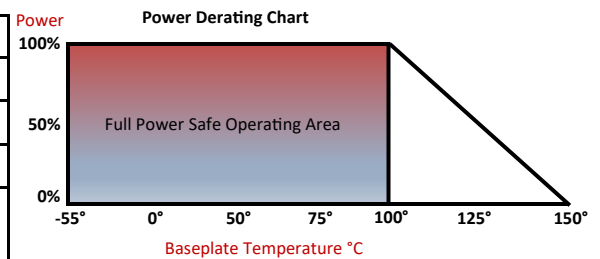


XXX = Resistance Value 1 -1000 Ω | 100 Ω Standard

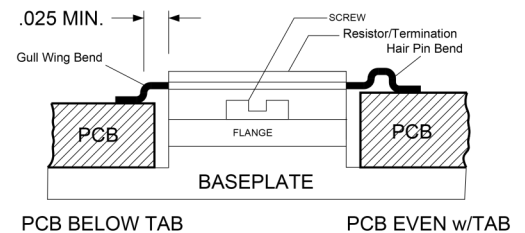
HYBR-FILM™ flange resistors are the highest performing RF & Microwave power film resistive products on the market today. Designed to be bolted down to a heat-sink or a plated-thru hole printed circuit board, offer the highest power and frequency rating than any other supplier. Power ratings from 30-1000 watts combined with versatile industry standard configurations allow for easy design-in solutions or replacing older outdated marginal devices that may have degraded or drifted over time. Applications include Medical, Broadcast, Industrial, Commercial Wireless, Military and Space. The **P₃** library of designs allows for modifications of standard designs to be made quickly and inexpensively to meet specific requirements with short delivery times. Please contact the factory for any special requirements or frequency ranges.

Electrical Performance		Mechanical Specification	
Frequency:	DC - 3.0 GHz.	Resistor:	Hybrid Blended Thick Film
Resistance Value:	1-1000Ω ±5%	Chip Material:	99.6% Beryllium Oxide
Power:	30 Watts Average	Cover:	Glob-Top Epoxy
Capacitance:	0.75 pF	I/O Tab:	Copper, Tin Plate, .003" Thick
Power Rating:	100% @ +100°C	Flange:	Copper, Nickel Plate
		Operating Temp.:	-55°C to +150°C

Specifications subject to change without notice



SUGGESTED MOUNTING AND TAB STRESS RELIEF METHOD



THREAD SIZE	TORQUE SETTING
2-56	4 inch-pounds
4-40	6 inch-pounds
6-32	8 inch-pounds
8-32	12-inch-pounds

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