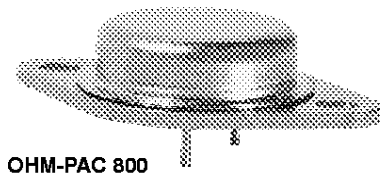


RESISTORS, HIGH POWER SERIES OHM-PAC 800, FOR MULTI-LAYER PCB 800-1900 MHz

OHM-PAC 1900

DESCRIPTION:

High Power 100 Ohm resistor mounted in a matched housing/heat sink, for operation in the 800-900MHz or 1400-1900MHz range (10% Bandwidth) the OHM-PAC is designed to "externally" terminate a Wilkinson power divider that is imbedded in a multi-layer PCB, where the resistor would otherwise be inaccessible. The leads of the TO-3 header serve both as a matching structure and as a heat sink, bringing the actual conduction heat sinking to the outer housing of the PCB.



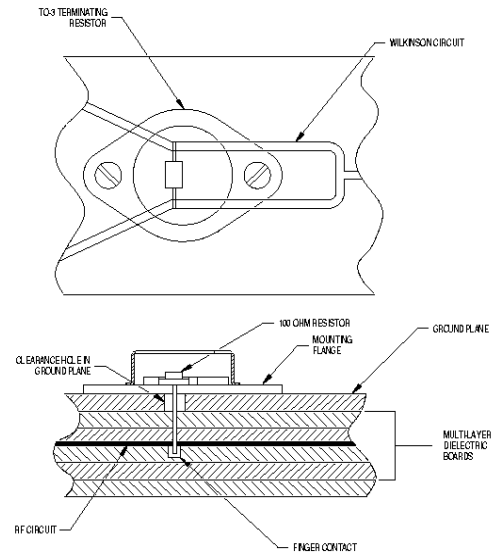
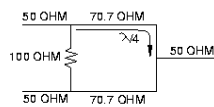
OHM-PAC 800



OHM-PAC 1900

TYPICAL APPLICATION

EQUIVALENT CIRCUIT
2 WAY EQUAL SPLIT POWER



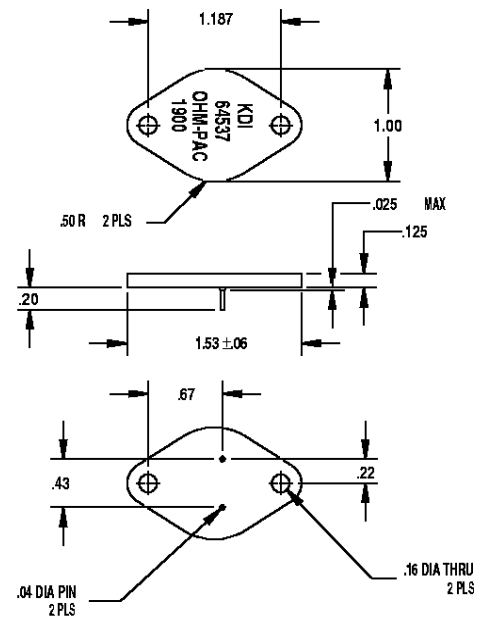
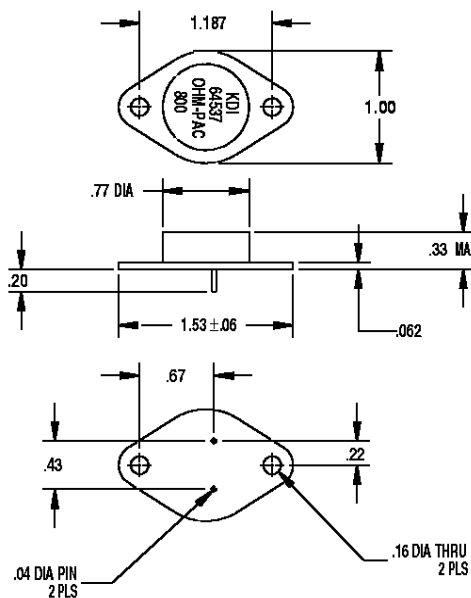
SPECIFICATIONS

MODEL OHM-PAC 800

Frequency:	800-900 MHz
Resistance:	100 Ohms $\pm 5\%$
Power:	25 Watts Max
Temp. Range:	0°C to +50°C
Base:	Steel, Nickel Plated
Cover:	Nickel
Lead:	#52 Alloy

MODEL OHM-PAC 1900

Frequency:	1400-1900 MHz (10% Bandwidth)
Resistance:	100 Ohms $\pm 5\%$
Power:	10 Watts Max
Temp. Range:	0°C to +50°C
Base:	Copper, Nickel Plated
Cover:	Nickel
Lead:	Copper, Solder coated



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