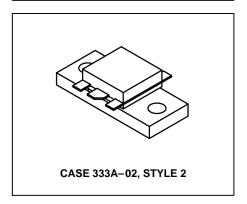
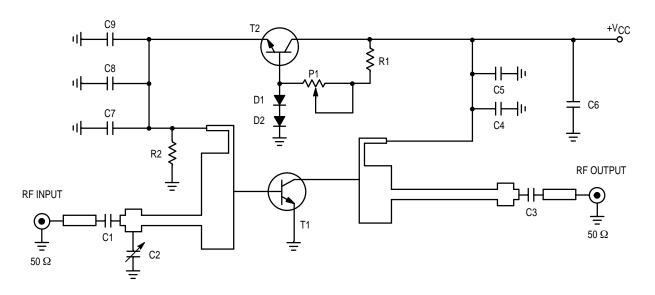
The RF Line NPN Silicon RF Power Transistor

MRF6414 PHOTOMASTER





C1, C3	100 pF, Chip Capacitor, Hight Q	P1	1 kΩ, Trimmer
C2, C7	330 pF, Chip Capacitor, 0805	R1	1 kΩ, Resistor
C5, C8	10 nF, Chip Capacitor, 0805	R2	58 Ω, Resistor, 0805
C6	15 μF, Capacitor, 63 V	T1	MRF6414
C9	100 μF, Capacitor, 16 V	T2	Transistor NPN Type SD135
D1, D2	Diode 1N4007		

Figure 1. 960 MHz Test Circuit Schematic



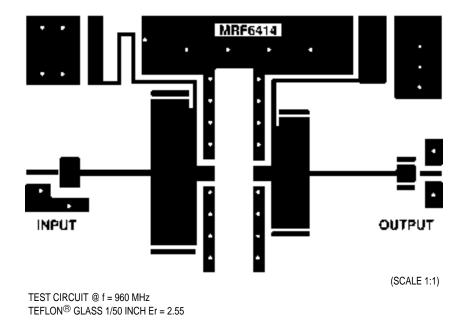


Figure 2. 960 MHz PC Board Photomaster

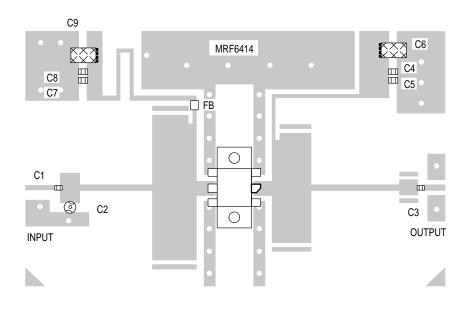
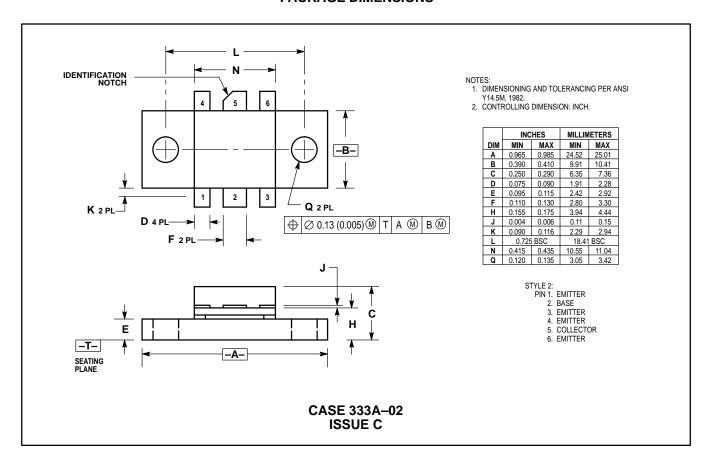


Figure 3. 960 MHz Test Circuit Components Layout

PACKAGE DIMENSIONS



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