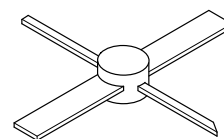
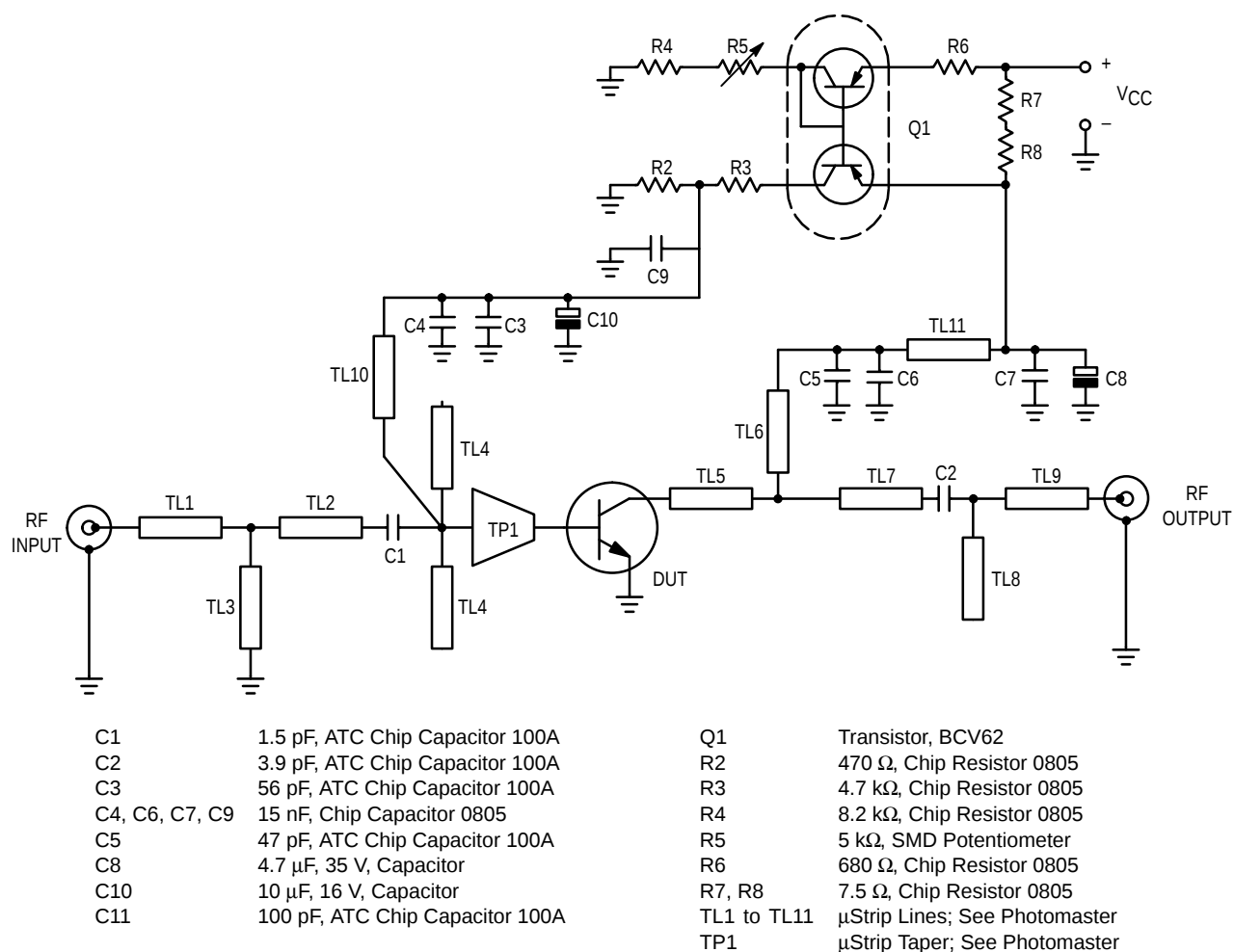


# The RF Line NPN Silicon RF Power Transistor

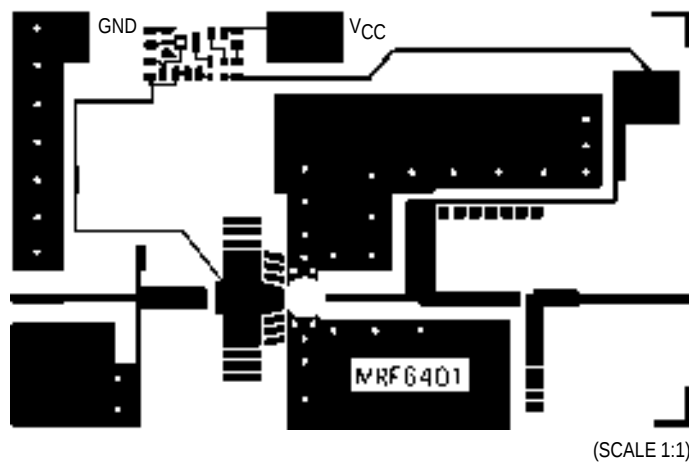
# MRF6401 PHOTOMASTER



**CASE 305C-02, STYLE 1**  
**SOE200-PILL**

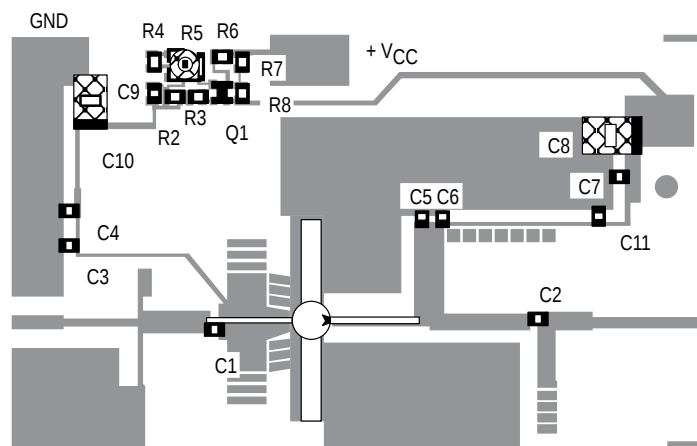


**Figure 1. 1600–2000 MHz Broadband Application Amplifier Schematic**



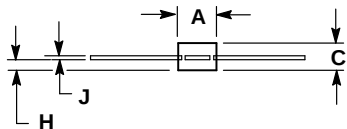
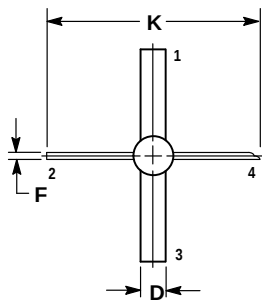
TEFLON® GLASS 0.508 MM 2 SIDES 35 μm Cu

**Figure 2. PC Board Photomaster**



**Figure 3. Test Circuit Components Layout**

PACKAGE DIMENSIONS



- NOTES:  
1. DIMENSIONING AND TOLERANCING PER ANSI Y14.5M, 1982.  
2. CONTROLLING DIMENSION: INCH.

| DIM | INCHES |       | MILLIMETERS |       |
|-----|--------|-------|-------------|-------|
|     | MIN    | MAX   | MIN         | MAX   |
| A   | 0.200  | 0.210 | 5.08        | 5.33  |
| C   | —      | 0.125 | —           | 3.17  |
| D   | 0.120  | 0.130 | 3.05        | 3.30  |
| F   | 0.025  | 0.035 | 0.64        | 0.88  |
| H   | 0.035  | 0.045 | 0.88        | 1.14  |
| J   | 0.004  | 0.006 | 0.11        | 0.15  |
| K   | 0.970  | 1.030 | 24.64       | 26.16 |

- STYLE 1:  
PIN 1. EMITTER  
2. BASE  
3. EMITTER  
4. COLLECTOR

CASE 305C-02  
ISSUE A

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