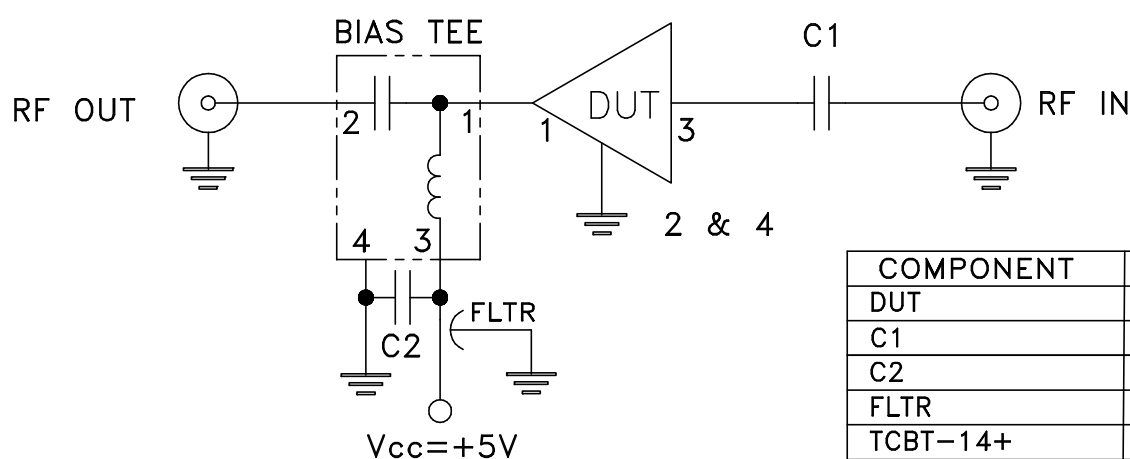


The diagram illustrates the internal layout of the TB-653+ test fixture. Key components and connections include:

- BIAS TEE**: Two bias tees are shown, one for the input and one for the output, connected to the **+Vcc** and **GND** terminals.
- THRU LINE**: A through line is indicated for the input signal path.
- C3**, **C4**, **C1**, and **C2**: Capacitors are placed at various points in the signal path.
- DUT**: The Device Under Test is connected between the input and output ports.
- RF IN** and **RF OUT**: The input and output ports for the RF signal.
- INDEX**: A reference point or marker on the output path.
- MCL 529-04**: A component, likely a mixer or amplifier, is shown in the center of the fixture.
- OUT** and **IN**: Labels for the output and input ports of the MCL component.
- VCC**: The power supply connection for the MCL component.
- FLTR**: A filter is connected to the **+Vcc** terminal.



COMPONENT	VALUE
DUT	PSA4-5043+
C1	1000 pF
C2	0.1 uF
FLTR	1500 pF
TCBT-14+	MCL BIAS-TEE

Notes:

1. 50 Ohm SMA Female connectors.
2. PCB Material: R04350 or equivalent,
Dielectric Constant=3.5, Thickness=.010 inch.

 Mini-Circuits®