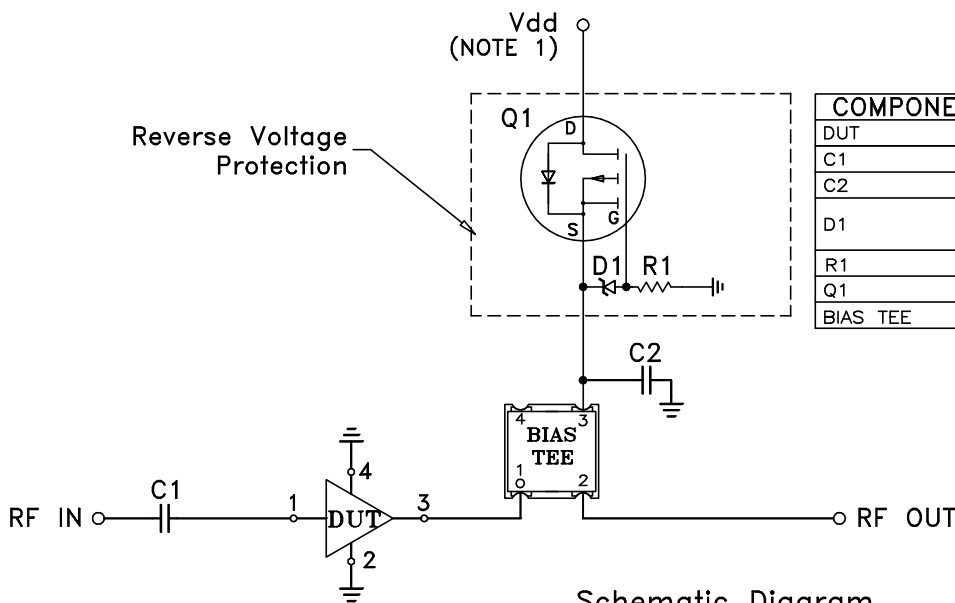
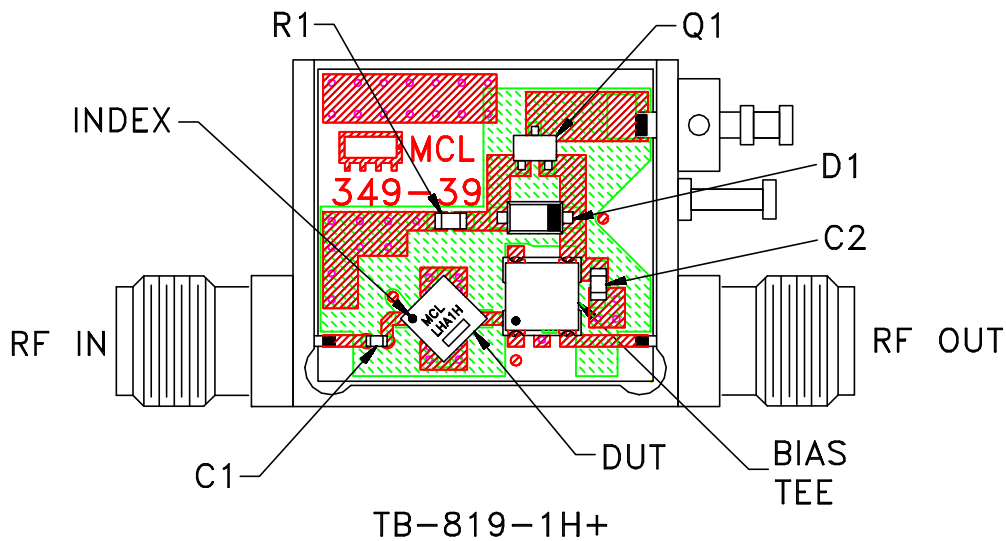
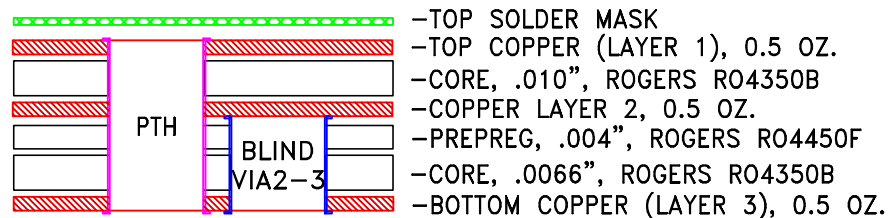


# Evaluation Board and Circuit



COMPONENT	VALUE	SIZE
DUT	LHA-1H+	3X3 MM
C1	0.001 $\mu$ F	
C2	1 nF	0805
D1	Zener Diode 5.6V ONSEMI MMSZ4690T1G	SOD123
R1	62 Ohm	0402
Q1	Transistor ONSEMI FET NTS4101P	SOT323
BIAS TEE	Mini-Circuits TCBT-14+	-


Schematic Diagram



Stack-Up Diagram

## NOTES:

1.  $V_s$  voltage:  $+5 \pm 0.2V$ .
2. SMA Female connectors.
3. PCB material: Rogers R04350 or equivalent, dielectric constant=3.5, Total Finished Thickness -  $.026'' \pm 10\%$ .

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