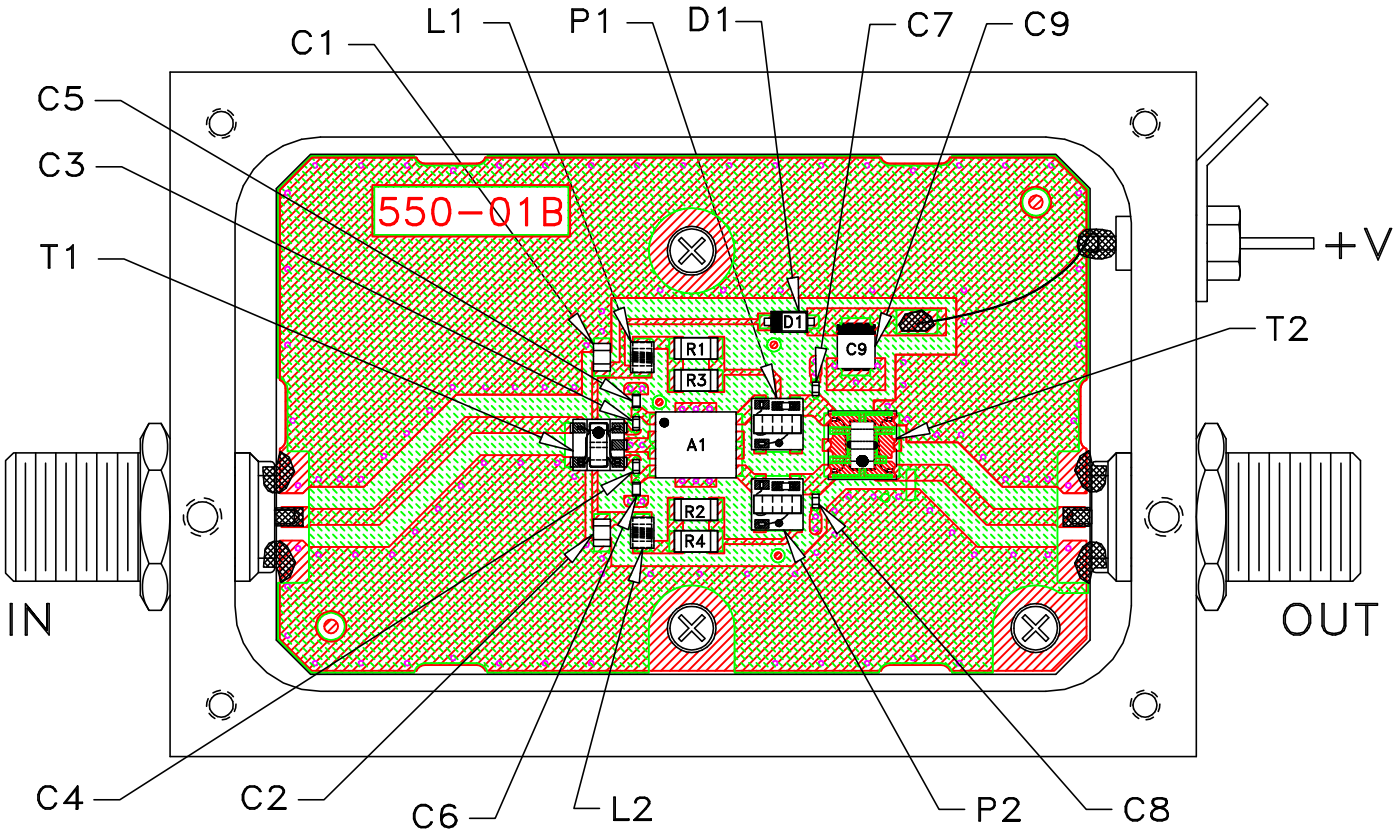
Evaluation Board and Circuit



TB-566-75H+

Notes:

1. 75 Ohm F Female connectors.
2. PCB Material: FR4.
   Dielectric Constant=4.7, Thickness=.059 inch.

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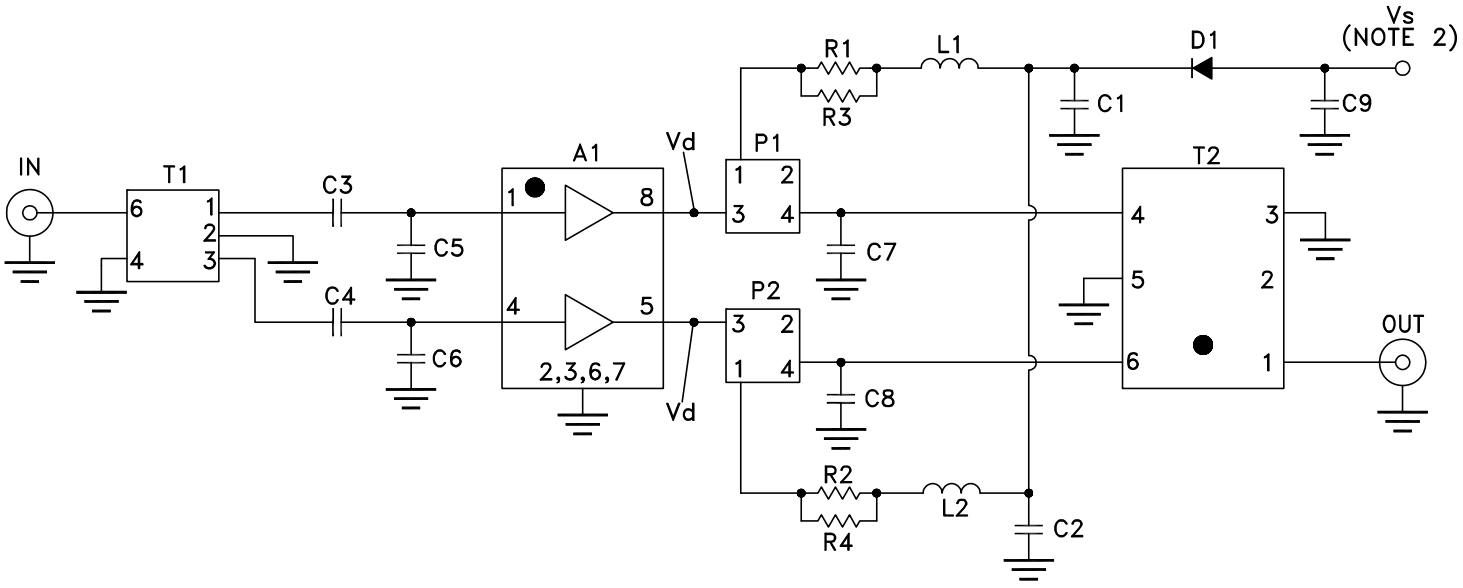
Evaluation Board and Circuit



Note:

1. Numbers inside the boxes indicate Pin Numbers.
2. Set Vs to obtain Vd=5V.

COMPONENT	VALUE
A1	Mini-Circuits PHA-22H+
C1,C2	.039 uF
C3,C4	1000 pF
C5,C6	.75 pF
C7,C8	1.6 pF
C9	1.0 uF
D1	ON Semiconductor: MBR0520LT1G
L1,L2	680 nH
P1,P2	Mini-Circuits TCBT-6G+
R1,R2	11.5 Ohm
R3,R4	7.50 Ohm
T1	Mini-Circuits TC1.33-282+
T2	Mini-Circuits TRS1-23-75+

Schematic Diagram

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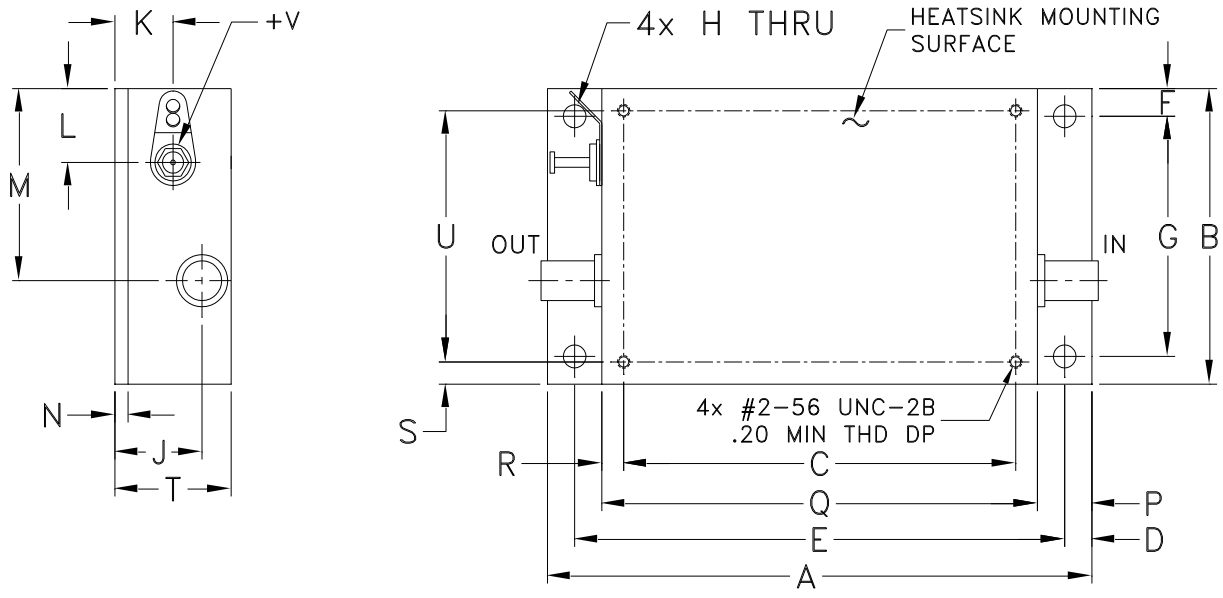
Case Style S

S860

Outline Dimensions



CASE#	A	B	C	D	E	F	G	H	J	K	L	M	N
S860	3.75 (95.25)	2.00 (50.80)	2.700 (68.58)	.19 (4.83)	3.375 (85.73)	.19 (4.83)	1.625 (41.28)	.144 (3.66)	.54 (13.72)	.40 (10.16)	.50 (12.70)	1.30 (33.02)	.10 (2.54)

CASE#	P	Q	R	S	T	U	WT. GRAMS
S860	.38 (9.65)	3.00 (76.20)	.15 (3.81)	.15 (3.81)	.84 (21.34)	1.700 (43.18)	150.0

Dimensions are in inches (mm). Tolerances: 2 Pl. ± .03; 3 Pl. ± .015

Notes:

1. Case material: Aluminum alloy.
2. Case finish:
   For RoHS Case Styles: Clear chemical conversion coating, non-chrome or trivalent chrome based.

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