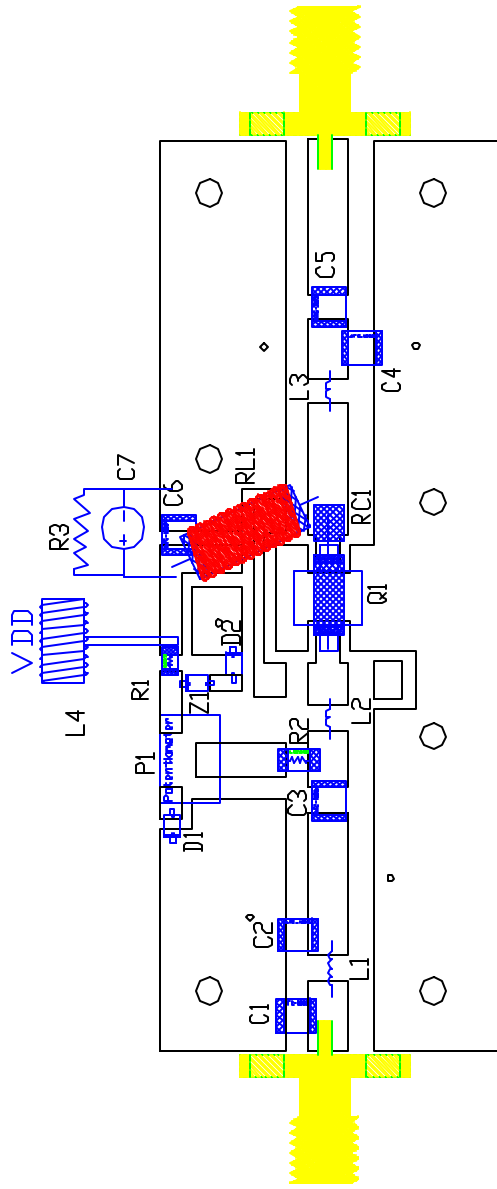


DATE	J.Citrone 4/10/01
CHKD	
ELECT	
MECH	
PRICE	
QTY	
PGMS	

Polyfet RF Devices	
TB 168 30-512Mhz 2W P1dB	
SIZE	FSCN NO
A	L2821Vds=12.5VdcIdq=.2A
REV	



SYMBOL	VALUE	DESCRIPTION
C1	7.5pF	ATC100B CHIP CAP.
C2	20pF	ATC100B CHIP CAP.
C3,C5	1000pF	ATC100B CHIP CAP.
C4	9.1pF	ATC100B CHIP CAP.
C6	10nf	ATC-100B Chip Cap
C7	10nf	ATC-100B Chip Cap
R1	47uf	25V electrolytic
R2	10K	1206 chip resistor
R3	9.1K	1/4W axial
P01	10k	multi-turn POT
RL1	22AWG	around 22 ohm 1/2W
RC1	180ohm axial,	in series with .01uf ATC100B
D1,D2	----	general purpose diode
Z1	7.5V	5mA Zener diode
L1	22AWG	ID:0.08: 3turn coil
L2	22AWG	ID:0.08: 1/2turn coil
L3	22AWG	ID:0.08: 1/2turn coil
L4	22AWG	10turns, 850mu terroid
Q1	L2821	Polyfet Transistor
VDD	12.5vdc	DC Power Supply
Bias	200mA	Bias Current

DRN BY	J.Citrolo	4/10/02	Polyfet RF Devices	
CHKD	J.Citrolo	3/15/02	TB168 30-512Mhz, 2W P1dB	
ELECT	J.Citrolo	3/13/02	SIZE	SCALE
MECH			1:1	
PRDC			L2821	12.5Vdc, 200ma
QUAL				
PG#S				

PCB Material : Double Side FR4
 ER=3.55, H=0.032", T=0.001"

