

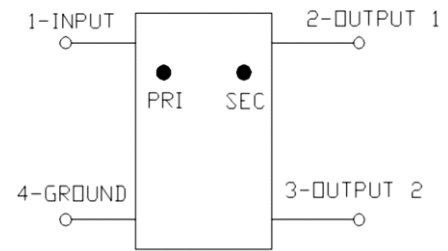
VMT-5M/1200M-75-2-SMT

FEATURES

- ◆ Surface mount
- ◆ Impedance ratio: 1:2
- ◆ Centre tap on secondary
- ◆ RoHS compliant and Pb free
- ◆ Available on tape and reel
- ◆ Usable on both 50 Ω & 75 Ω system

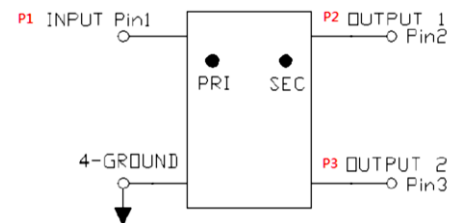
TYPICAL APPLICATIONS

- ◆ CATV
- ◆ Communication

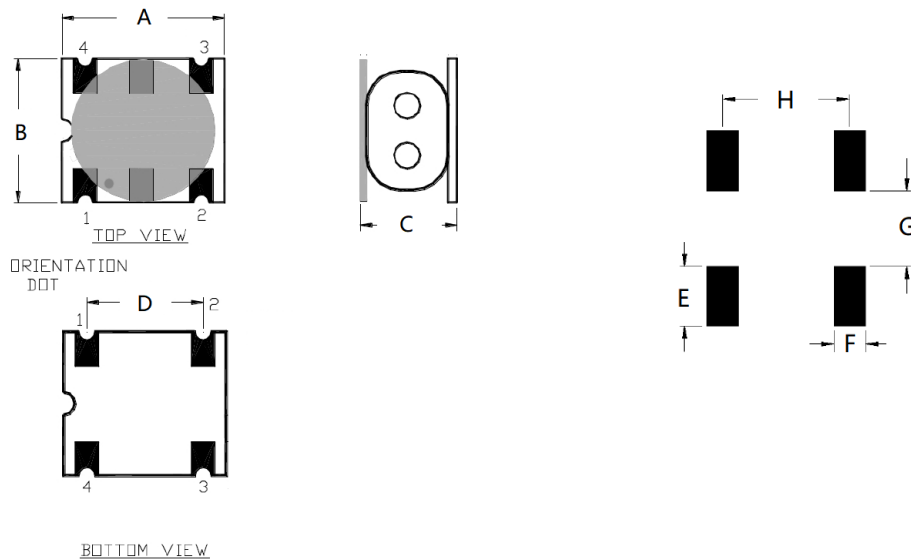


PIN CONFIGURATION & FUNCTION SCHEMATIC

Pin No.	Function
1	Input (PRI Dot)
2	Output (SEC Dot)
3	Output 2 (SEC)
4	Ground (PRI)



DIMENSIONS & LAYOUT



A	B	C	D
7.11	6.35	3.33	5.08
E	F	G	H
2.40	1.27	3.05	5.08

ABSOLUTE MAXIMUM RATINGS

Parameter	Value
RF Power	250mW
DC Current	600mA
Operating Temperature Range	-40 ~ +85°C

ELECTRICAL SPECIFICATIONS @25°C

Parameter	Frequency Band	Min.	Typ.	Max.	Unit
Port Impedance, Z0 (P1)	-		75 or 50		Ohm
Insertion Loss	5-600MHz		0.5	1.0	dB
	600-1000MHz		0.9	1.8	dB
	1000-1200MHz		1.8	2.2	dB
Return Loss	5-50MHz	17.0	25.0		dB
	50-1000MHz	13.0	22.0		dB
	1000-1200MHz	9.0	17.0		dB
Amplitude Balance	5-600MHz		0.3	1.0	dB
	600-1000MHz		0.6	1.7	dB
	1000-1200MHz		0.8	1.9	dB
Phase Balance (Ref. value 180°)	5-50MHz		0.8	3	°
	50-1200MHz		5	9	°

TYPICAL PERFORMANCE CURVES

