

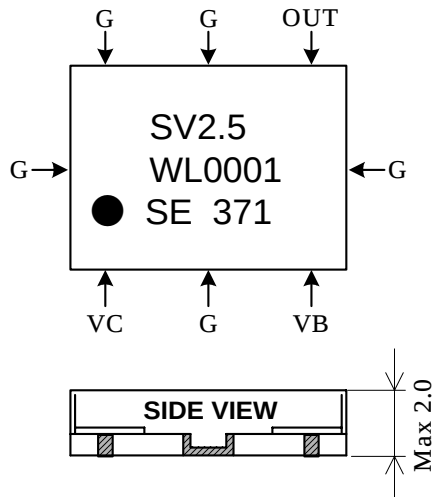
1. APPLICATION

LAN

2. PART No.

SV2.5WL0001

3. DIMENSIONS



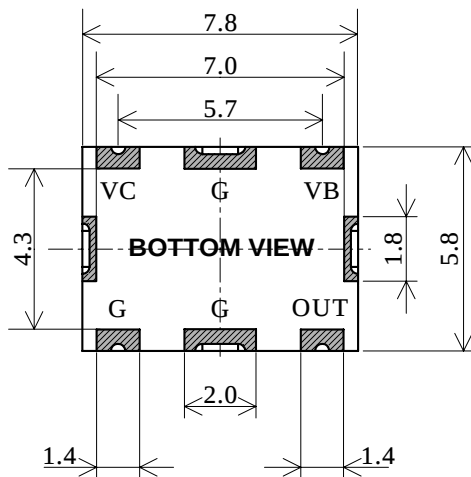
OUT : RF OUTPUT

VB : POWER SUPPLY

VC : CONTROL VOLT.

G : GROUND

NOTE: There is no mark of terminals on the case.



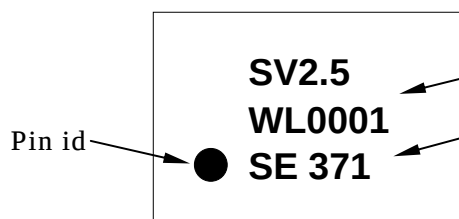
: Terminal electrodes.

Unit: mm

Tolerances :

Unless otherwise specified, ± 0.2 mm

4. MARKING



PART No.

SE : Manufacture's Mark

3 : last numeral of production year

7 : production month 1,2,3...X,Y,Z

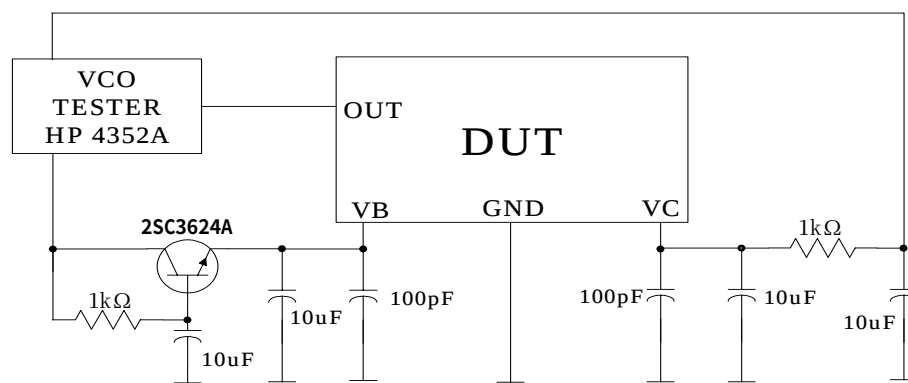
1 : product No.

5. LIMITING VALUES

Item	Test Condition	Value			Unit
		min.	typ.	max.	
Supply Voltage	VB	4.75	5.0	5.25	V
Control Voltage Range	VC	1.0	2.75	4.5	V
Current Consumption	VB=5.0V, -20Deg.C up to +60Deg.C	-	10	15	mA
	VC=1.0V, -20Deg.C up to +60Deg.C	-	2355	2400	MHz
Oscillation Frequency	VC=4.5V, -20Deg.C up to +60Deg.C	2460	2505	-	MHz
	VC=1.0V up to 4.5V average	28	43	-	MHz/V
Output Level	Load=50ohm, +25Deg.C +/- 5Deg.C	-3.0	0.0	+3.0	dBm
	Load=50ohm, -20Deg.C up to +60Deg.C	-4.0	-	+4.0	dBm
Phase Noise	offset=10kHz, -20Deg.C up to +60Deg.C	90	95	-	dBc/Hz
Pushing Figure	VB=5.0V +/- 0.25V, ref=5.0V	-3.0	-	+3.0	MHz
Pulling Figure	VSWR=2 for all phase, ref=50ohm	-5.0	-	+5.0	MHz
Temperature Stability	-20Deg.C up to +60Deg.C, ref=+25Deg.C	-10	-	+10	MHz
Harmonic Suppression	Till Third harmonics	-	-20	-10	dBc
Operating Temp. Range		-20	-	+60	Deg.C
Storage Temp. Range		-40	-	+85	Deg.C

Note: Unless otherwise VB=5.0V, VC=2.75V, Ta=+25Deg.C +/- 5Deg.C, Load=50ohm

6. MEASUREMENT PROCEDURE



7. RECOMMENDED LAND PATTERN

