

# VCO (Voltage Controlled Oscillator)

We are developing and manufacturing high-precision, high-reliability and compact VCO by our original hybrid and filter technologies.

## VCO: SV series (SMT type)

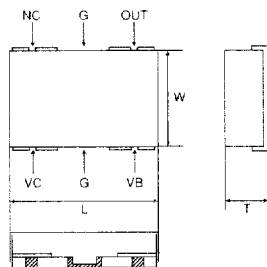


- \* Compact and Light-weight
- \* Multilayered Construction with Strip-line
- \* Low Current Consumption
- \* Good C/N Characteristics

Application: CELLULAR PHONE, CORDLESS PHONE & DATA COMMUNICATION etc.

## Specification

### DIMENSIONS



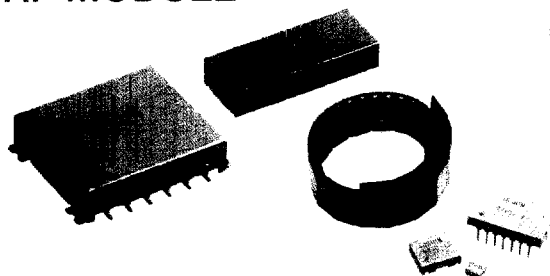
- OUT :RF OUTPUT
- VB :POWER SUPPLY
- VC :CONTROL VOLT.
- G :GROUND
- NC :NO CONNECT

Part NO.	Application	Frequency (MHz)	Vcc (V)	Output Level (dBm) TYP	Current (mA) MAX	C/N (dBC) MIN	*Dimensions (mm)		
							L	W	T
SV926AR707	E-AMPS	926.5±12.5	3.3	-3	6	70 (60)/30kHz	12.5	10.5	3.5
SV978TR722	E-TACS	978.5±16.5	3.3	-3	6	72 (50)/25kHz			
SV801NR731	N-TACS	801.5±13.5	3.3	-3	6	70 (25)/16kHz			
SV814JD736	PDC800	814±13.5	2.3	-5	6	88 (25)/8.5kHz	10.0	7.0	3.0
SV1.5JD735	PDC1500	1619±15	3.0	-3	6	107 (50)/1Hz			
SV1.6HP760	PHS	1658±15	3.0	-3	6	97 (25)/1Hz	10.0	7.0	2.5
SV1.6HP761	PHS	1665±15	3.0	-3	6	97 (25)/1Hz			
SV770GS711	GSM	779±24	3.8	-1.5	10	100 (10)/1kHz	∕	∕	∕
SV878GS712	∕	878	4.2	-2	10	100 (10)/1kHz	12.5	10.5	3.2

◎ ( ) :offset frequency, Other frequency means band width.

\*8×6mm size is available.

## RF MODULE



- \* Compact size and multi-functions in the RF circuit due to green-sheet substrate and PCB.
- \* Suitable for various radio systems and cellular phone for 800 MHz-1.9 GHz. band.

Application: Front-end unit (RF-amp., Mixer & RF-BPF) for PHS and other systems

\*Please contact us for the custom design.