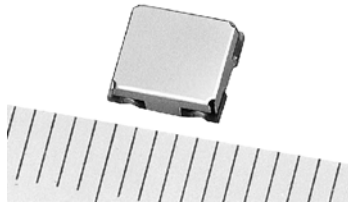
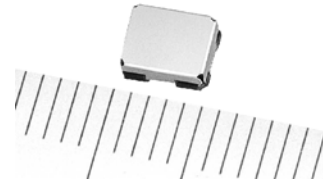


Panasonic Voltage Controlled Oscillators (VCO)

Series : **VJ3, VK1 (Single Band Type)**



Series VJ3



Series VK1

Features

Series VJ3

- High level C/N characteristics and downsized VCO superior for mass production.
- Highly accurate frequency tuning
Laser trimming is employed.
- Very small type.
- Frequency range : 600 MHz to 2.4 GHz

Series VK1

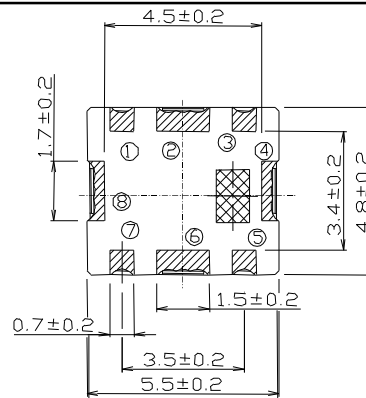
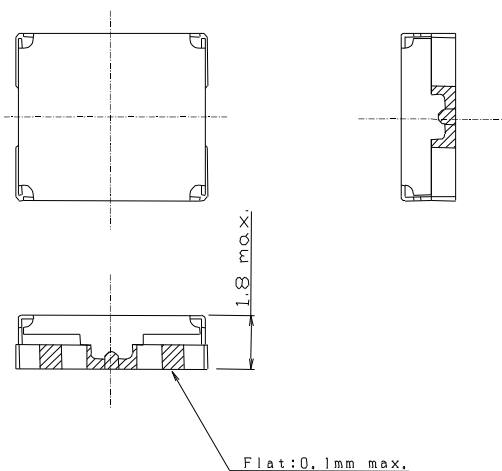
- Single VCO of the industry-record smallest size based on high-density mounting technology

Recommended Applications

- Digital / analog cellular systems

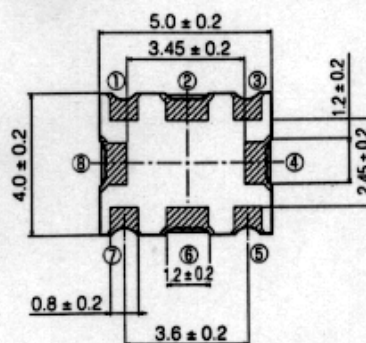
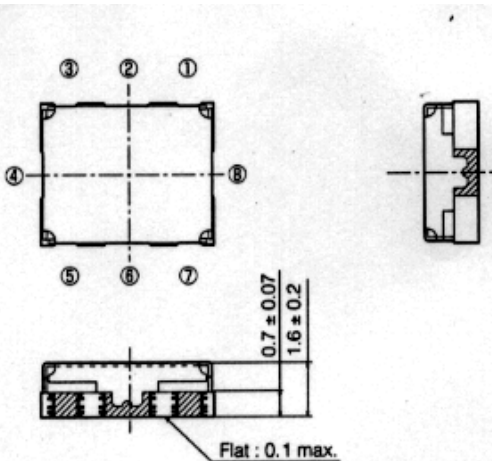
• Dimensions in mm (not to scale)

● Series VJ3



No.	T-NAME
1	RF OUT
2	GND
3	GND
4	GND
5	Vcont(Vt)
6	GND
7	Vcc
8	GND

● Series VK1



No.	Terminal
1	RF OUT
2	GND
3	GND
4	GND
5	Vcont (Vt)
6	GND
7	Vcc
8	GND

Design Specifications are subject to change without notice. Ask factory for technical specifications before purchase and/or use.

Whenever a doubt safety arises from this product, please inform us immediately for technical consultation without fail.

■ Performance Specifications, Summary

● Series VJ3

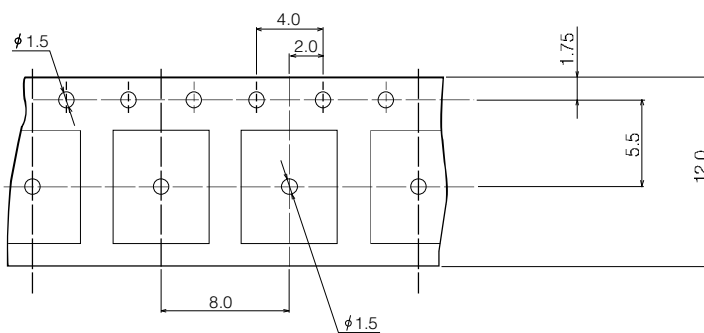
Part No.	Oscillator Frequency (MHz)	Supply Voltage	Current Consumption	Output Level	Control Voltage range	Control Sensitivity (typ.)	Application
ENFVJ3C2S01	1187 to 1283	2.5 V	6.7 mA max.	- 2 dBm	0.5 V to 2.3 V	64 MHz/V	PDC 800 W
ENFVJ372S02	675 to 758	2.5 V	5 mA max.	- 2.5 dBm	0.5 V to 2.3 V	56 MHz/V	PDC 800 W
ENFVJ372S03	680 to 768	2.6 V	5 mA max.	- 2 dBm	0.6 V to 2.4 V	61 MHz/V	PDC 800 W
ENFVJ372S04	675 to 760	2.2 V	5 mA max.	- 4 dBm	0.4 V to 2.4 V	49 MHz/V	PDC 800 W
ENFVJ3B2S05	1067 to 1148	2.3 V	7 mA max.	- 8 dBm	0.5 V to 2.5 V	46 MHz/V	PDC 800 W
ENFVJ3A2S06	1064 to 1094	2.3 V	9 mA max.	- 3.5 dBm	0.6 V to 2.3 V	27 MHz/V	PDC 800 S
ENFVJ3G2S08	1603 to 1635	2.3 V	9 mA max.	- 3 dBm	0.6 V to 2.3 V	30 MHz/V	PDC 1.5 G
ENFVJ3D2S10	1347 to 1371	2.2 V	6.5 mA max.	- 3 dBm	0.4 V to 2.4 V	27 MHz/V	PDC 1.5 G
ENFVJ3G2S11	1607 to 1631	2.4 V	5 mA max.	- 3.5 dBm	0.7 V to 2.1 V	35 MHz/V	PDC 1.5 G
ENFVJ372S12	721 to 758	2.3 V	9 mA max.	- 1.5 dBm	0.5 V to 2.5 V	28 MHz/V	J-DCMA
ENFVJ382S14	810 to 831	2.3 V	7 mA max.	- 5 dBm	0.5 V to 2.5 V	21 MHz/V	PDC 800 S
ENFVJ372S16	721 to 762	2.7 V	5.5 mA max.	- 5 dBm	0.6 V to 2.3 V	35 MHz/V	J-CDMA
ENFVJ372S13	721 to 762	2.7 V	6 mA max.	- 2.5 dBm	0.5 V to 2.2 V	34 MHz/V	J-CDMA
ENFVJ3D2S17	1347 to 1371	2.5 V	7.5 mA max.	- 1.5 dBm	0.5 V to 2.3 V	36 MHz/V	PDC 1.5 G
ENFVJ3C2S15	1252 to 1281	2.5 V	7 mA max.	- 2 dBm	0.5 V to 2.3 V	30 MHz/V	PDC 800 S
ENFVJ392S22	954 to 980	2.8 V	7 mA max.	- 3 dBm	0.5 V to 2.3 V	22 MHz/V	K-CDMA

● Series VK1

Part No.	Oscillator Frequency (MHz)	Supply Voltage	Current Consumption	Output Level	Control Voltage range	Control Sensitivity (typ.)	Application
ENFVK172S01	696 to 771	2.4 V	7 mA max.	- 2.0 dBm	0.8 V to 2.3 V	63 MHz/V	PDC 800 W
ENFVK172S02	721 to 758	2.8 V	6 mA max.	- 1.5 dBm	0.5 V to 2.5 V	28 MHz/V	J-CDMA
ENFVK172S03	680 to 756	2.3 V	7 mA max.	- 2.0 dBm	0.8 V to 2.5 V	60 MHz/V	PDC 800 W

■ Taping Dimensions in mm (not to scale)

● Series VJ3



● Series VK1

