

5.0×3.2mm



Pb Free

RoHS Conforming

Features

- Ultra-miniature SMD Type (5.0x3.2x1.5mm)
- Reflow compatible
- AFC function available
- 2.3 to 3.5V drive available
- Frequency Stability : ±2.0ppm at -30°C to +85°C

Applications

- PDC, GSM, CDMA

How to Order

KT18B - D C V 30 - 19.680M - T

① Type	⑤ Supply Voltage
② Frequency stability	⑥ Option Code
③ Lower operating temp	⑦ Frequency(MHz)
④ Upper operating temp	⑧ Packaging

K	±5ppm
E	±2.5ppm
D	±2.0ppm

C	-30°C
E	-20°C
G	-10°C

W	85°C
V	80°C
U	75°C

28	2.8V	30	3.0V
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13.000	19.200	19.800
14.400	19.440	26.000
16.800	19.680	

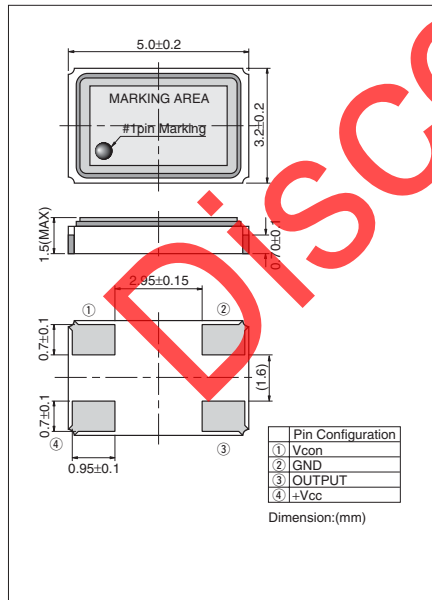
T	Tape & Reel
4,000pcs/Reel	

Specifications

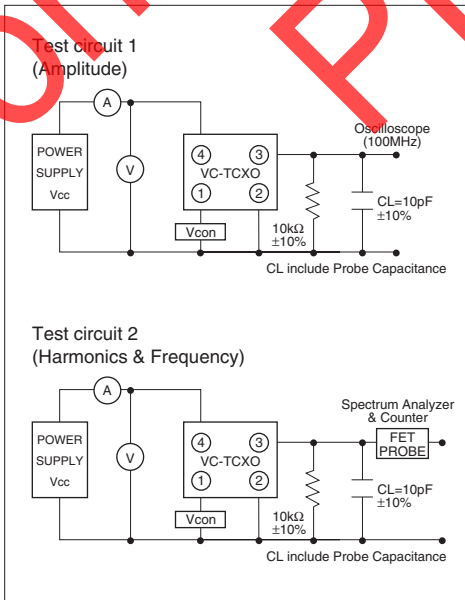
Item	Symbol	Conditions	Min.	Max.	Units
Output Frequency Range	F _{OUT}		13	26	MHz
Frequency Stability	Δf/fo	vs Temperature	-2.0	+2.0	ppm
		vs Load	-0.2	+0.2	
		vs Voltage	-0.3	+0.3	
Storage Temp. Range	T _{STG}		-40	+85	°C
Operating Temp. Range	T _{OPR}		-30	+85	°C
Aging	Δfaging	Per Year	-1	1	ppm
Voltage control range	Δf/V	Positive	+/-8	+/-15	ppm
Supply Voltage	V _{DD}		2.3	3.5	Volt
Output Voltage	V _{OUT}	10k ohm // 10pF	0.8	-	Vp-p
Current Consumption	I _{DD}		-	2.0	mA
Duty Ratio	SYM	@50% V _{DD}	40	60	%
Harmonics	-		-	-5	dBc

Dimensions

(Unit : mm)



Test Circuit



Recommended Land Pattern

(Unit : mm)

