

FEATURE:

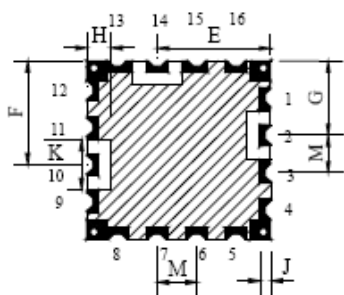
- Frequency Range : 138 MHz ~ 246 MHz
- SIZE: 12.7×12.7×5.0 mm ;
- ROHS ;

ELECTRICAL SPECIFICATION

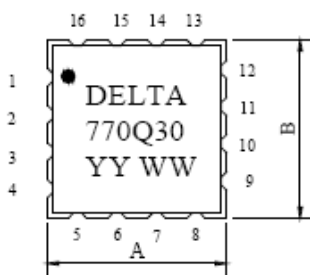
Frequency Range		138 MHz ~ 246 MHz
Tuning voltage	V _{DC}	0.5 ~ 4.5
Tuning Sensitivity	MHz/V	34 ± 14
Phase Noise	dBc/Hz @offset	≤ -100 @ 10KHz ; ≤ -140 @ 1MHz
Output Power	dBm	0 ± 3
Pushing	MHz	± 1.0
Pulling (1.67:1 VSWR)	MHz	2.0
Supply Voltage	V _{DC}	5.0 ± 0.25
Supply Current	mA	15
Harmonic 2nd	dBc	-10
Input Capacitance	pF	200
Operating Temperature	°C	-10°C ~ +85°C

OUTLINE DRAWING (mm)

BOTTOM VIEW



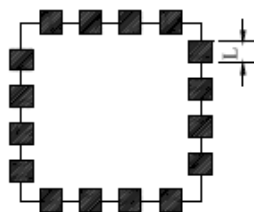
TOP VIEW



PIN OUT FOR VCO	
	PIN
OUTPUT	10
Vcc	14
Vt	2
GND	OTHERS



SIDE VIEW



RECOMMENDED LAND PATTERN (TOP VIEW)

SYMBOL	DIMENSION
	MILLIMETERS
A	12.7±0.2
B	12.7±0.2
C	4.7 MAX
E	8.0±0.1
F	7.15±0.1
G	5.5±0.1
H	1.7±0.1
J	0.8±0.1
K	3.6±0.1
L	1.5±0.1
M	2.54±0.08