

### FEATURE:

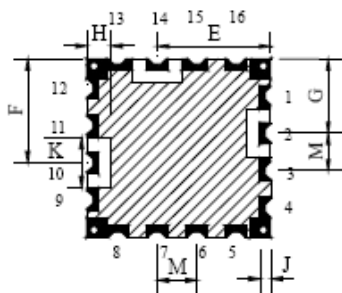
- Frequency Range : 1930 MHz ~ 1990 MHz
- SIZE: 12.7×12.7×5.0 mm ;
- ROHS ;

### ELECTRICAL SPECIFICATION

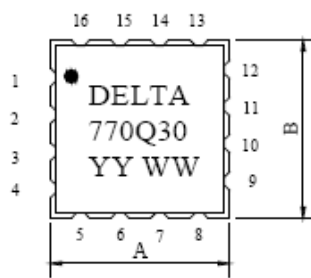
Frequency Range		1930 MHz ~ 1990 MHz
Tuning voltage	V <sub>DC</sub>	1.0 ~ 3.9
Tuning Sensitivity	MHz/V	34±5
Phase Noise	dBc/Hz @offset	≤-100 @ 10KHz ; ≤-136 @ 600KHz
Output Power	dBm	0±2.5
Pushing	MHz	1.0
Pulling (1.67:1 VSWR)	MHz	0.4
Supply Voltage	V <sub>DC</sub>	5.0±0.1
Supply Current	mA	30
Harmonic 2nd	dBc	-12
Input Capacitance	pF	70
Operating Temperature	°C	-35°C ~ +85°C

### OUTLINE DRAWING (mm)

BOTTOM VIEW



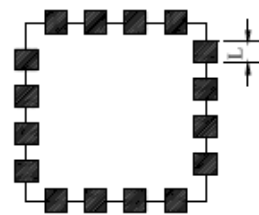
TOP VIEW



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