

FEATURE:

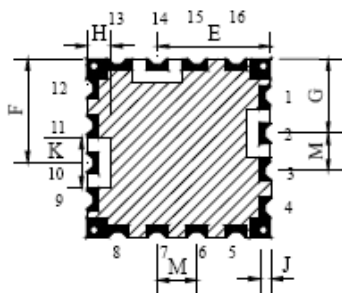
- Frequency Range : 2850 MHz ~ 2900 MHz
- SIZE: 12.7×12.7×5.0 mm ;
- ROHS ;

ELECTRICAL SPECIFICATION

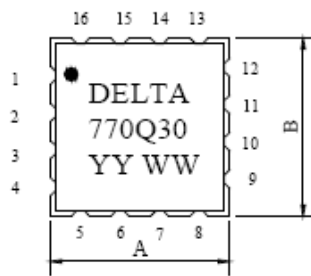
| | | |
|-----------------------|-----------------|-------------------------------|
| Frequency Range | | 2850 MHz ~ 2900 MHz |
| Tuning voltage | V _{DC} | 1.0 ~ 4.0 |
| Tuning Sensitivity | MHz/V | 26±6 |
| Phase Noise | dBc/Hz @offset | ≤-90 @ 10KHz ; ≤-111 @ 100KHz |
| Output Power | dBm | 3±3 |
| Pushing | MHz | ±1.25 |
| Pulling (1.67:1 VSWR) | MHz | 7.0 |
| Supply Voltage | V _{DC} | 5.0±0.25 |
| Supply Current | mA | 18 |
| Harmonic 2nd | dBc | -10 |
| Input Capacitance | pF | 120 |
| Operating Temperature | °C | -35°C ~ +85°C |

OUTLINE DRAWING (mm)

BOTTOM VIEW



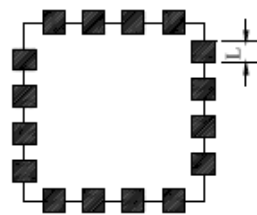
TOP VIEW



| 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 |
| | |
| | |