


Features:

- Hybrid Integrated Circuit
- Surface Mounted Device Type
- Shield Case : Nickel Silver
- 18PIN Type

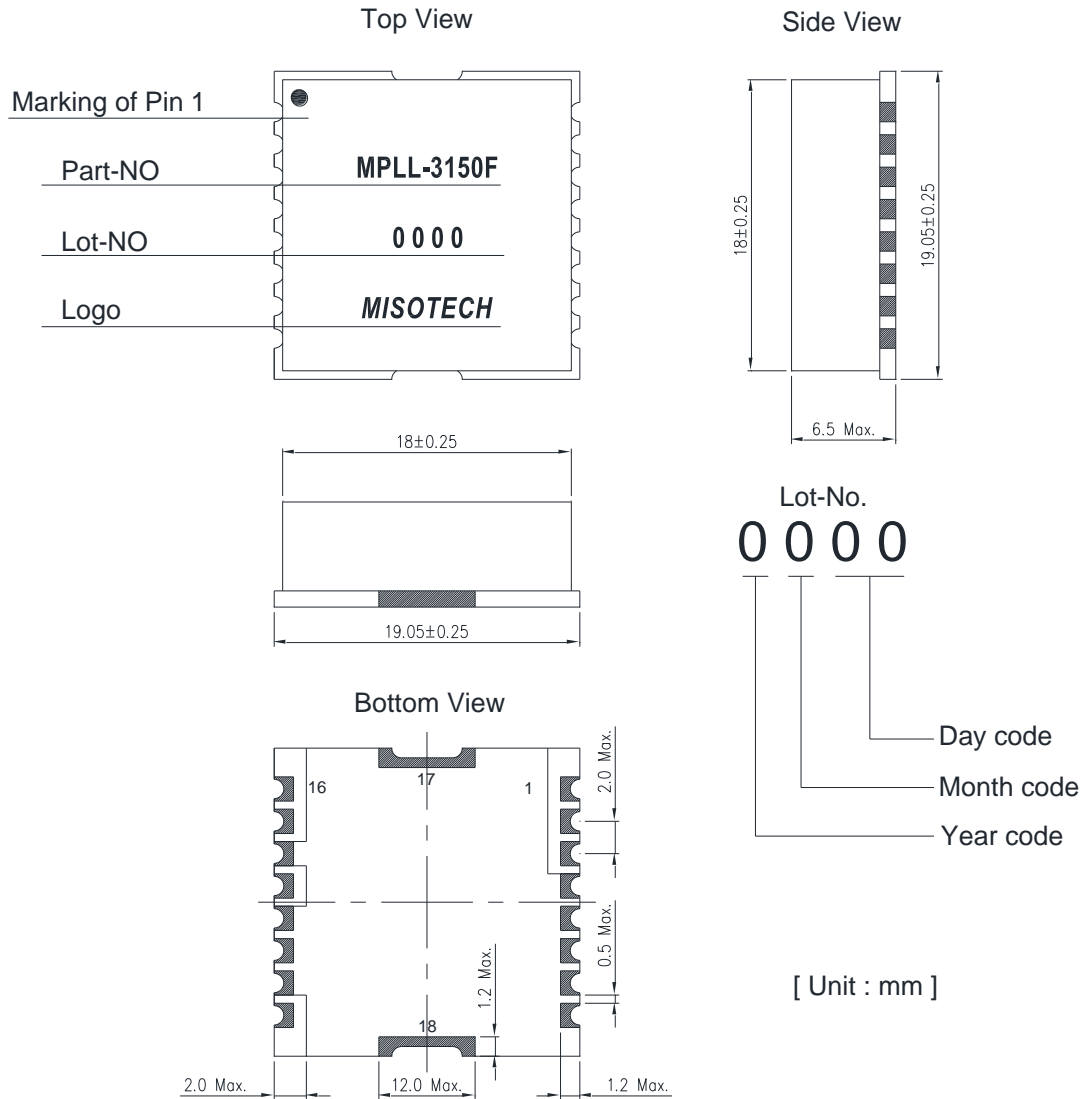


 ELECTROSTATIC SENSITIVE DEVICE
 OBSERVE HANDLING PRECAUTIONS

Electrical Specifications (T_A=+25Deg.C, 50Ω system)

| NO | ITEM | UNIT | MIN | TYP | MAX |
|----|--|----------------------------|-------|---------------------|-------|
| 1 | Operating Frequency Range | MHz | | 3150.0 | |
| 2 | Output Power Level | dBm | +3.0 | +5.0 | +7.0 |
| 3 | Harmonics Level (2 nd) | dBc | | | -20 |
| 4 | Spurious Level | dBc | | | -70 |
| 5 | Phase Noise at offset @ 1kHz at offset @ 10kHz at offset @ 100kHz | dBc/Hz dBc/Hz dBc/Hz | | -85 -102 -120 | |
| 6 | Lock Time | msec | | | 30 |
| 7 | Output Impedance | Ω | | 50 | |
| 8 | VCO Supply Voltage | V | +4.75 | +5.00 | +5.25 |
| 9 | PLL Supply Voltage | V | +4.75 | +5.00 | +5.25 |
| 10 | Reference Freq. | MHz | | 10.0 | |
| 11 | Reference Freq. Level | dBm | +0.0 | | |
| 12 | Current Consumption | mA | | | 40 |
| 13 | Lock Detector Voltage | V Low | V | | +0.5 |
| | | V High | V | +4.5 | |
| 14 | Operating Temp. Range | °C | -30 | | +75 |

Dimensions



| Terminal Connection | | | |
|---------------------------|---------------|--------|------------------|
| Pin NO | Terminal NAME | Pin NO | Terminal NAME |
| 4 | Ref. IN | 15 | PLL Vcc |
| 9 | VCO Vcc | 16 | Lock Detect (LD) |
| 13 | RF Out | | |
| All Other Pins are Ground | | | |

Packing



Taping



| REEL | TYPE | COLOR | HUB | SIZE |
|-------|---------------------|-------------------|---------------|------|
| | PLASTIC | 흑,백색 | 80 | 330 |
| SHEET | KDS-BK 24mmX0.3t | POCKET COUNTER | 750 POCKET | |

REEL DIMENSION

Reel