

### Features

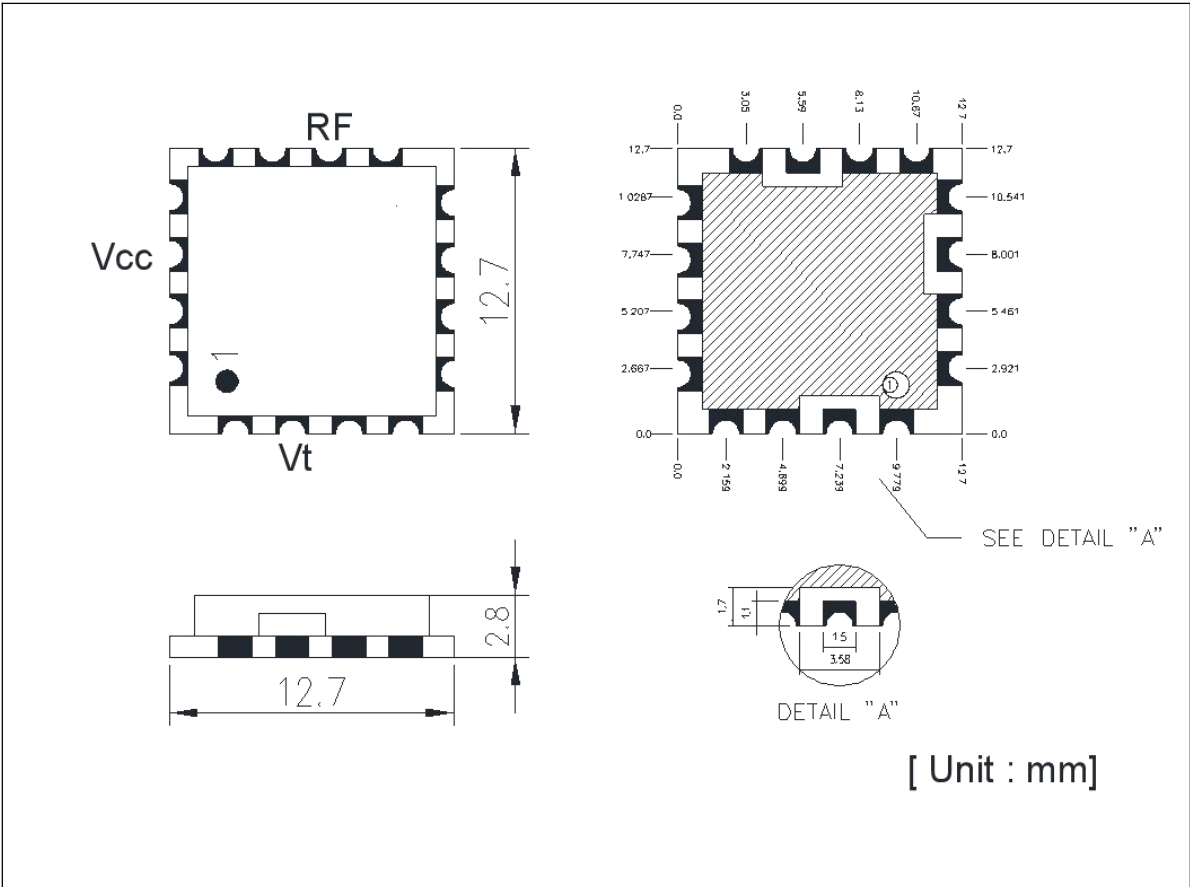
- Hybrid Integrated Circuit
- Surface Mounted Device Type
- Shield Case: Nickel Silver
- 16 PIN Type
- Customization Available Upon Request



### Electrical Specifications (TA=+25°C, 50Ω System)

No	Item	Unit	Value
1	Operating Frequency Range	MHz	5000 ~ 6000
2	Output Power Level	dBm	+0 ± 2
3	Harmonics Level (2 <sup>nd</sup> )	dBc	-20
4	Spurious Level	dBc	-85
5	Phase Noise		
	at offset @ 1kHz	dBc/Hz	-50
	at offset @ 10kHz	dBc/Hz	-80
	at offset @ 100kHz	dBc/Hz	-100
	at offset @ 1000kHz	dBc/Hz	-120
6	Load Impedance	Ω	50
7	Input Capacitance	pF	27
8	Tuning Voltage	V	+0.5 ~ +5.0
9	Tuning Sensitivity (Typ.)	MHz/V	90
10	Supply Voltage	Vdc	+5±0.25
11	Current Consumption (Typ.)	mA	30
12	Pushing	MHz/V	< 10
13	Pulling (VSWR = 1.5 : 1 All phase)	MHz	< 10
14	3dB Modulation Bandwidth.	MHz	100 Typ.
15	Operating Temp. Range	°C	-40 ~ +85

**Dimensions**

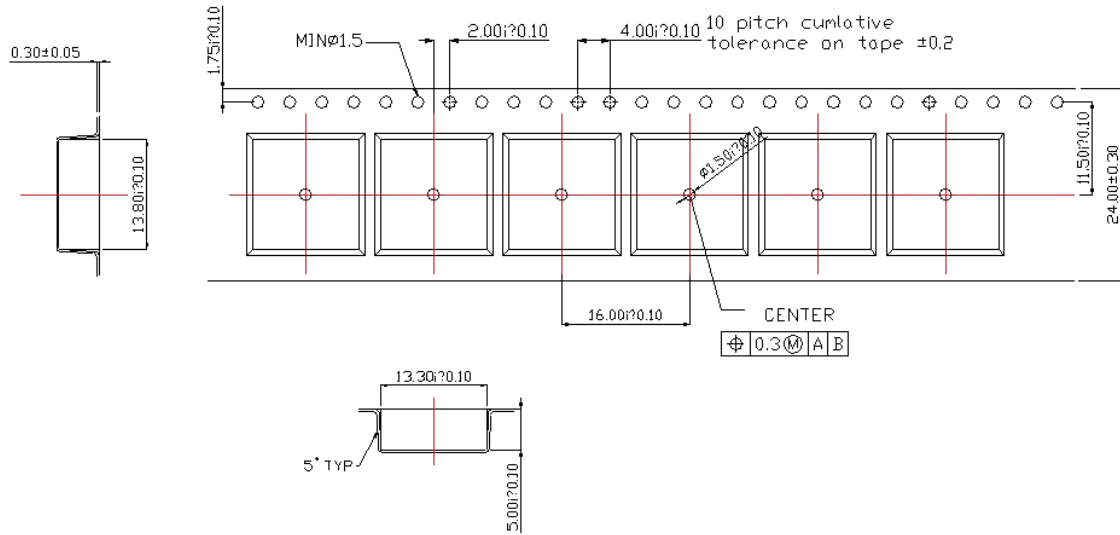


Lot-No.  
**0 0 0 0**

— Day code  
— Month code  
— Year code

Terminal Connection	
Pin NO	Terminal NAME
2	Control Voltage
10	RF Output
14	Power Supply
All Other Pins are Ground	

**Packing**



**Taping and Reel**

