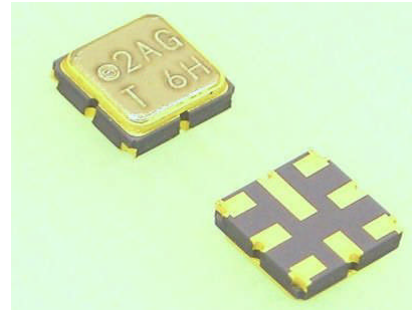


## TM3030A

### Feature

- Reflow solderable. Low impedance, low profile
- Surface mountable MCF.
- This is achieved by using leadless type ceramics package
- Frequency range **80 ~ 160 MHz**
- Automatic mount by type and reel

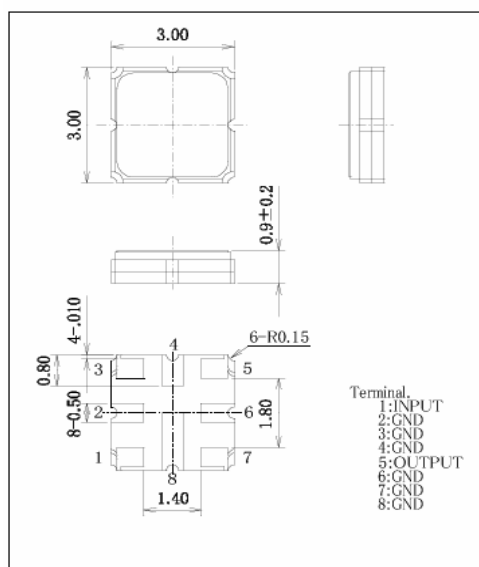


### Standard Specification

STANDARD	TM3030A	MF78R2	MF90M2
Nominal Frequency	110.520 MHz	78.450 MHz	90.000 MHz
Pass Bandwidth	6.0 dB: ±15.0 KHz min.	3.0 dB: ±7.50 KHz min.	3.0 dB: ±7.50 KHz max.
Attenuation Bandwidth	42.0 dB: ±240 KHz min.	15.0 dB: ±25 KHz min.	8.0 dB: ±12.5 KHz min.
Pass-band Ripple	0.5 max. dB	1.0 max. dB	0.5 max. dB
Insertion Attenuation	4.0 max. dB	4.0 max. dB	5.0 max. dB
Group Delay Time	10 max. (μs)@f <sub>0</sub> ±13.0kHz	75 min. (dB) @ f <sub>0</sub> -900kHz	70 min. (dB) @ f <sub>0</sub> -900kHz
Impedance	200(Ω)//3.0(pF)	400(Ω)//4.0(pF)	200(Ω)//8.0(pF)
Operating temp. range	-20°C...+85°C	20°C...+85°C	20°C...+85°C
Dimension	3.0 x 3.0 x 0.9	3.0 x 3.0 x 0.9 mm	3.0 x 3.0 x 0.9 mm

Products with specific requirements are available upon request.

#### ■ Outline Dimensions



#### ■ Reference Land Pattern

