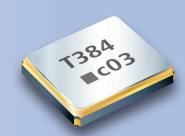
- · Extremely small SMD type crystal units.
- · High precision and high frequency stability.
- · Excellent heat resistance and environmental characteristics.
- · Applications in PDA, DSC, DVC, PC, etc.
- · RoHS Compliant / Pb Free.



Electrical Specifications	
Item / Type	8Y
Frequency Range	16 ~ 54 MHz
Frequency Tolerance (at 25 °C)	± 30 ppm, or specify
Frequency Stability Over Operating Temperature Range	± 30 ppm, or specify
Operating Temperature Range	-20 ~ + 70 °C, or specify
Shunt Capacitance (C0)	3 pF Max.
Drive Level	1 ~ 200 μW ( 50 μW typical)
Load Capacitance	8 pF, 12 pF, 18 pF, or specify
Aging (at 25 °C)	± 3 ppm / year Max.
Storage Temperature Range	- 40 ~ + 85 °C

Equivalent Series Resistance(ESR)	
Fundamental	
16 ~ 19.2	2 MHz   200 Ω Max.
19.2 ~ 30	0 MHz   100 Ω Max.
30 ~ 54	4 MHz 80 Ω Max.

## **Dimensions**

