

**Features**

- High reliability & Low Cost
- Proven resistance welded metal package
- Tight stability & extended temperature
- Wide frequency range from 3MHz to 100MHz
- Applications: *IoT, Consumer Electronics, HDTV, Communications, Visual Applications, etc.*
- RoHS Compliant & Pb Free



**Standard Specifications**

Type	6P Series SMD Crystal
Frequency Range	3~100 MHz
Frequency Tolerance (at 25°C)	±10ppm, ±20ppm
Frequency Stability (over Operating Temp.)	±20ppm, ±30ppm
Operating Temperature Range	-40~+85°C, or specify
Shunt Capacitance (C <sub>0</sub> )	5pF Max.
Drive Level	1~200μW (50μW Typ.)
Load Capacitance	16pF, 20pF, or specify
Aging (at 25°C)	±3ppm /year Max.
Storage Temperature Range	-55~+125°C
Packing Unit	3000pcs./Reel

**Equivalent Series Resistance**

Fundamental		3rd Overtone	
5~10MHz	100Ω Max.	27~30MHz	100Ω Max.
10~14MHz	80Ω Max.	30~50MHz	80Ω Max.
14~36MHz	60Ω Max.	50~100MHz	60Ω Max.

**Dimensions [mm]**

