



- SMD X-TAL 11.8×5.5mm
 - Low frequency in small size
- Applications: Cermaic package offers excellent environment and heat resistance
 - Communication and measuring equipment as well as many other application.

Standard Specification



Frequency Range	3.5MHZ to 70MHZ
Overtone	Fundamental / 3rd
Motional Resistance (ESR)	As per below table
Load Capactance (CL)	Standard (18pF), 10
Level of Drive (DL)	100µW max
Frequency Tolerance (25°C)	30ppm max, User Spec
Temperature Stability	50ppm max, User Spec
Operating Temperature Range	-40°C to +85°C, User Spec
Storage Temperature Range	-40°C to +85°C
Aging	± 5ppm / year max

Motional resistance (ESR)

Frequency Ranges	Overtone	CI
3.200MHz ~ 3.499MHz	Fundamental	200 Ω
3.500MHz ~ 3.999MHz	Fundamental	140 Ω
4.000MHz ~ 4.399MHz	Fundamental	120 Ω
4.400MHz ~ 4.899MHz	Fundamental	100 Ω
4.900MHz ~ 5.999MHz	Fundamental	80 Ω
6.000MHz ~ 6.999MHz	Fundamental	60 Ω
7.000MHz ~ 7.999MHz	Fundamental	50 Ω
8.000MHz ~ 10.999MHz	Fundamental	45 Ω
11.000MHz ~ 11.999MHz	Fundamental	40 Ω
12.000MHz ~ 14.999MHz	Fundamental	35 Ω
15.000MHz ~ 36.000MHz	Fundamental	30 Ω
27.000MHz ~ 70.000MHz	3rd OT	100

Dimensions (mm)

