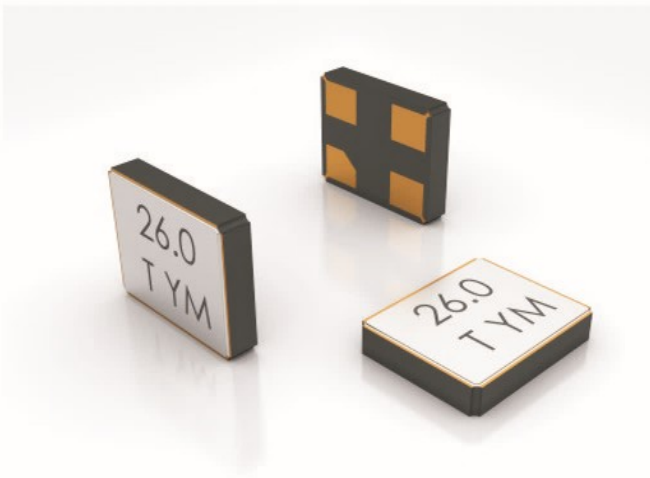


Metal Can Type Crystals

M2016 Series

Features

- Reflow resistance type crystal units.
- Higher frequency pullability and lower equivalent series resistance.
- Lower cost and highly mass production capability.
- The best choice of TV, STB, LCDM and Cable Modem.
- RoHS Compliant / Pb Free.



Electrical Specifications

Item / Type	M2016
Frequency Range	16 ~ 54 MHz
Frequency Tolerance (at 25℃)	±10 ppm, or specify
Frequency Stability Over Operating Temperature Range	±10 ppm, or specify
Operating Temperature Range	- 10 ~ + 60 ℃ , or specify
Shunt Capacitance (C0)	5 pF Max.
Drive Level	10 μW (100 μW MAX)
Load Capacitance	Series, 8 pF, 10pF or specify
Aging (at 25℃)	3 ppm / year Max.
Storage Temperature Range	- 40 ~ + 90 ℃



Equivalent Series Resistance(ESR)

Fundamental		3rd Overtone	
16.000 ~ 19.999 MHz	150 Ω Max.		
20.000 ~ 29.999MHz	100Ω Max.		
30.000 ~ 35.000 MHz	80Ω Max.		
36.000 ~ 54. 000 MHz	60 Ω Max.		



Dimensions

