

Metal Can Type Crystals 49SMD Series

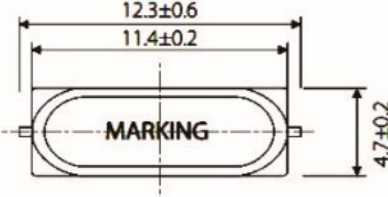
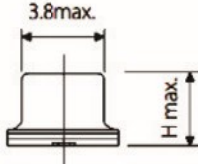
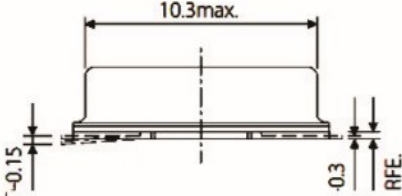
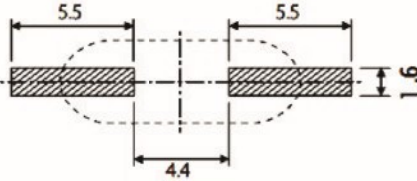
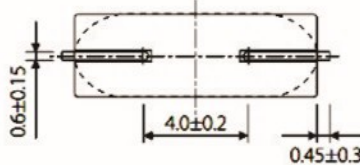
Features

- Resistance welded 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	49SMD
Frequency Range	3.579545 ~ 64 MHz
Frequency Tolerance (at 25℃)	±20 ppm, or specify
Frequency Stability Over Operating Temperature Range	±30 ppm, or specify
Operating Temperature Range	- 20 ~ + 70 ℃ , or specify
Shunt Capacitance (C0)	7 pF Max.
Drive Level	1~500 μW (100 μW typical)
Load Capacitance	Series, 16 pF, 20 pF ,30PF or specify
Aging (at 25℃)	5 ppm / year Max.
Storage Temperature Range	- 40 ~ + 85 ℃

Equivalent Series Resistance(ESR)			
Fundamental		Fundamental	
3.200 ~ 3.686 MHz	200 Ω Max.	30.000 ~ 50.000 MHz	30 Ω Max.
3.686 ~ 5.000 MHz	150 Ω Max.	50.000 ~ 90.000 MHz	20 Ω Max.
5.000 ~ 10.000MHz	80 Ω Max.		
10.000 ~ 14.000 MHz	40 Ω Max.		
14.000 ~ 30.000MHz	30 Ω Max.		

Dimensions					
					
					
	<table><tr><td>HOLDER</td><td>H</td></tr><tr><td>LP-4.2S</td><td>4.2</td></tr></table>	HOLDER	H	LP-4.2S	4.2
HOLDER	H				
LP-4.2S	4.2				