

49S/49S-SMD Crystal SD Series



Product Features

1. Stability, Reliability, Consistency
2. ROHS/REACH Compliant

Applications

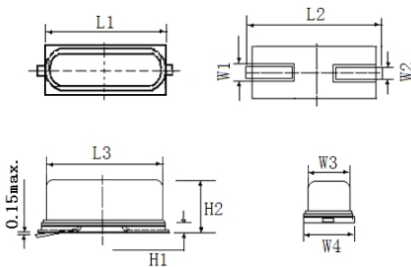
1. Traditional household appliances
2. Industrial control

Specifications

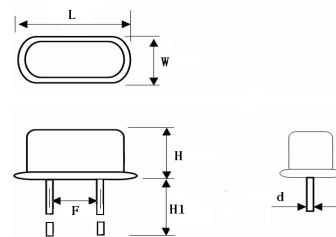
Model	SD/SP/XD/XP	
Nominal frequency range	3.000~48.000MHz	
Oscillation mode	Fundamental (AT-cut)	
Frequency tolerance at 25°C±3°C	±20ppm	
Operating temperature range	-20°C~70°C	-40°C~85°C
Frequency stability over temperature(Ref.to 25°C)	±30ppm	±30ppm
Storage temperature range	-55°C~125°C	
Equivalent series resistance	150~120Ω	3.000~3.499MHz
	120~100Ω	3.500~3.999MHz
	100~80Ω	4.000~4.999MHz
	80~60Ω	5.000~5.999MHz
	60~40Ω	6.000~9.999MHz
	40~30Ω	10.000~15.999MHz
Load capacitance	30~25Ω	16.000~48.000MHz
	Customized	
	7.0pF	
Shunt capacitance max	1000uW	
Drive level max	±5.0ppm	
Aging at first year		

Notes: The above parameters are for normal demands, If you have any different demands, Please contact us.

Dimensions (Unit: mm)



Code	L1	L2	L3	H1	H2
Size(mm)	11.4±0.3	12.6±0.3	9.85±0.2	0.55±0.05	3.8±0.3 or 3.0±0.3
Code	W1	W2	W3	W4	
Size(mm)	0.95±0.2	0.75±0.2	3.5±0.2	4.7±0.2	



Code	L	W	H	H1	F	d
Size(mm)	10.8±0.5	4.4±0.3	3.38±0.3 or 2.5Max	6.0±0.5	4.88±0.2	0.45±0.05