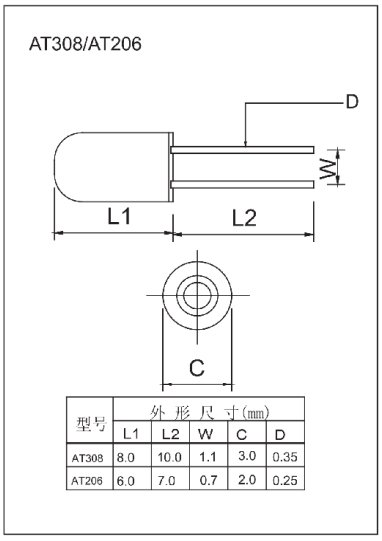
石英晶体谐振器Crystal Resonator
32.768KHz AT308 & AT206 & SMD3215 & SMD7015

电气参数 ELECTRICAL SPECIFACATIONS

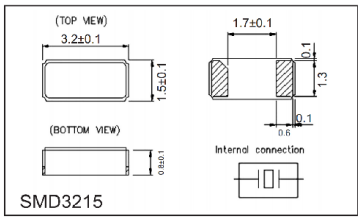
项次 Item	规格 Specification			
频率范围 Frequency Range(KHz)	AT308	AT206	SMD3215	SMD7015
	32.000~150.000	32.000~75.000	32.768	32.768
振荡模式 Mode of Oscillation	Fundamental			
调整频差 Frequency Tolerance (at 25℃)	±20ppm Standard,(±5ppm, ±10ppm, ±30ppm Available)			
温度频差 Frequency Stability Over Temperature	±30ppm Standard,(±20ppm Available)			
工作温度 Operating Temperature Range	-20℃~+70℃ Standard,-40℃~+85℃ Extended			
储存温度 Storage Temperature Range	-40℃~+120℃			
老化率 Aging (at 25℃)	±3ppm/year Max			
负载电容 Load Capacitance	6PF;12.5PF; 20PF			
静态电容 Shunt Capacitance	5.0PF Max			
驱动功率 Drive Level	0.01μw~100μw			
回流焊条件 Reflow Conditions	240℃ for 5s Max, 2 reflows Max			

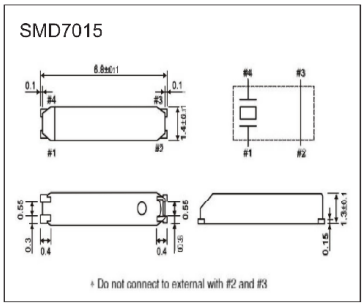
等效电阻 Equivalent Series Resistance				
频段 / 型号	DT308	DT206	HY3215	HY7015
32KHz≤Freq.＜150KHz	30～25KΩ	35～30KΩ	-	
32.768KHz	-	-	70 KΩ	65KΩ

外形尺寸 DIMENSIONS(mm)

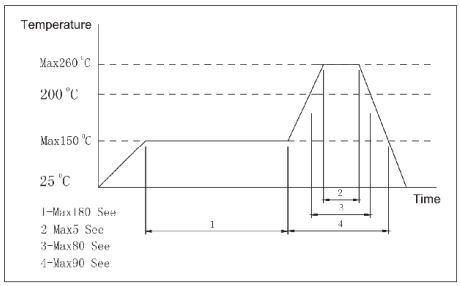


型号	外形尺寸(mm)				
	L1	L2	W	C	D
AT308	8.0	10.0	1.1	3.0	0.35
AT206	6.0	7.0	0.7	2.0	0.25





回流焊曲线 SODLE REFLOW PROFILE



主要参数除以上指标外，可根据用户要求制作特殊规格的产品
Mostly parameter out above guideline, can produce special specifications products according to your requirement.