



# SMD 6035 系列 Series

石英晶体谐振器  
QUARTZ CRYSTAL RESONATOR



## ● 技术参数: Specifications

项目 Item	标记 Symbol	技术 Specifications	备注 Remarks
频率范围 Freq. Range	f	8.000MHz to 30.000MHz	基频模式 Fundamental mode
		30.000MHz to 80.000MHz	泛音模式 Overtone mode
频率偏差 Freq. Tol. Ta=25°C ± 3°C	Δf/f	± 30ppm	公差内 Tight Tolerance Available
负载电容 Load Capacitance	CL	Fund: 10pf to ∞ ; O.T: 5pf to ∞	明确注释 Please specify
温度频差 Temp Tol	Δf/f	± 30ppm	公差内 Tight Tolerance Available
温度范围 Temp Range	储存温度 Storage Temp	TSTG	-55°C to 125°C
	工作温度 Operating Temp	TOPR	-10°C to 60°C
激励功率 Drive Level	最大值 Max. drive level	MDL	500 μ w
	建议使用 Rec. drive level	RDL	10 μ w to 100 μ w
串联电阻 Series Resistance	R1	As Per Table	
静电容 Shunt Capacitance	Co	7pF Max	
绝缘电阻 Insulation Resistance	IR	500M Ω Min	
老化率 Aging	ΔFA	± 5PPM/Year Max	
焊接条件 Soldering condition	Tsol	Twice at under 240°C within 10 Second/ reflow time within 3 minutes	
抗冲击能力 Shock Resistance	SR	± 10PPM Max	Conditions depend of frequencies

## ● 谐振电阻: Resonance Resistance

频率范围 Freq. Range	模式 Mode	谐振电阻 Rr(Ω)	频率范围 Freq. Range	模式 Mode	谐振电阻 Rr(Ω)
8.0 < f ≤ 10	F	70	35 < f ≤ 40	3rd	100
10 < f ≤ 14	F	60	40 < f ≤ 45	3rd	80
14 < f ≤ 35	F	40	45 < f ≤ 80	3rd	60

## ● 外部尺寸图: External Dimensions

