

X31 CRYSTAL



Specifications

Parameters	Standard	Options
Frequency range	32,768 kHz	Other on custom request
Frequency tolerance at 25°C	± 20 ppm	Other on custom request
Temperature stability	- 0,035 ppm/°C ² typical	
Operating temperature	-10°C ~ +70°C	Other on custom request
Storage temperature	-40°C ~ +85°C	-55°C ~ +125°C
Load capacitance Cl	12,5 pF	Other
Equivalent series resistance ESR	70 kOhm max.	
Shunt capacity Co	1,1 pF typical , 2 pF max.	Other
Aging	± 3 ppm /first year max.	Other on custom request
Insulation resistance	500 Mohms minimum at 100 VDC	
Drive level	1,0 uW	
Marking	Freq	

Drawing

Package	X31	
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Recommended Land Pattern