

# X84 CRYSTAL



## Specifications

Parameters	Standard	Options
Frequency range	8,000 MHz - 80,000 MHz	
Frequency stability	Please specify	
Overall		
Initial at 25°C		
Temperature		
Aging first year		
Aging over .... Years		
Operating temperature	-10° C ~ +60°C	-20°C ~ +70°C
Storage temperature	-40°C ~ +85°C	
Load capacitance   Cl	8 pF ~ 120 pF or serie	
Equivalent series resistance ESR	see ESR table	
Shunt capacity      Co	< 7 pF	
Aging	± 5 ppm /first year max.	
Insulation resistance	500 Mohms minimum at 100 VDC	
Drive level	0,01 to 100 uW   10uW recommended	
Marking	Freq + Week +Year	

## ESR table

Frequency range	Mode	ESR ( ohms)
8,000 MHz - 11,999 MHz	Fund.	80 max.
12,000 MHz - 40,000 MHz	Fund.	50 max.
40,000 MHz - 80,000 MHz	3 rd	70 max.

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## Drawing

Package

X84

