

X42 CRYSTAL



Specifications

| Parameters | Standard | Options |
|----------------------------------|---------------------------------|----------------|
| Frequency range | 12 MHz - 50,000 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 |
| | | -40°C to +85°C |
| Storage temperature | -40°C ~ +85°C | |
| Load capacitance Cl | 12 pF ~ 120 pF or serie | |
| Equivalent series resistance ESR | see ESR table | |
| Shunt capacity Co | < 5 pF | |
| Aging | ± 2 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) |
|-------------------------|-------|-------------|
| 12,000 MHz - 15,999 MHz | Fund. | 60 max. |
| 16,000 MHz - 50,000 MHz | Fund. | 40 max. |

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Drawing

Package

X42

