



Features

- Resistance welded type crystal units;
- A great number of standard frequencies;
- Higher frequency pullability and lower equivalent series resistance;
- Lower cost and highly mass production capability;
- The best choice of TV, STB, LCDM and Cable Modem;
- RoHS Compliant / Pb Free;

Crystals specifications

| ITEMS (项目) | PARAMETER (规格说明) |
|--|--|
| Frequency Range | 3.2 ~ 90 MHz |
| Frequency Tolerance (at 25 °C) | ± 30 ppm, or specify |
| Frequency Stability Over Operating Temperature Range | - 20 ~ +70 °C, or specify |
| Operating Temperature Range | 7 pF Ma |
| Shunt Capacitance (C0) | 1 ~ 500 μW (100 μW typical) |
| Drive Level | Series, 16 pF, 20 pF, 30 pF, 32 pF, or specify |
| Load Capacitance | ± 5 ppm / year Max. |
| Aging (at 25 °C) | - 40 ~ + 85 °C |
| Storage Temperature Range | 200pcs/Reel |
| Packing Unit | 3.2 ~ 90 MHz |

Equivalent Series Resistance(ESR)

Fundamental

| | | | |
|--------------|-----------|----------|-----------|
| 3.2-3.686MHZ | 200 Ω Max | 27-30MHZ | 100 Ω Max |
| 3.686-5MHZ | 150Ω Max | 30-50MHZ | 80Ω Max |
| 5-10MHZ | 80 Ω Max | 50-90MHZ | 60 Ω Max |
| 10-14MHZ | 40 Ω Max | | |
| 14-30MHZ | 30Ω Max | | |

Dimensions



X-ON Electronics

Largest Supplier of Electrical and Electronic Components

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