



Distributor of Fox Electronics: Excellent Integrated System Limited

Datasheet of 217-3.579545-12 - CRYSTAL 3.579545MHZ SMD

Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

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FOX CERAMIC RESIN SEALED SMD CRYSTAL MODEL: FC



FEATURES

- Low Cost
- Resin Sealed
- Tape and Reel (1,000 pcs. STD)

OPTIONS

- Tolerances to < 20 PPM
- Stabilities to < 15 PPM
- Temperatures to -40°C ~ +85°C



• PART NUMBER [Learn More](#) - Internet Required

| Part Number | Model Number | Frequency Range (MHz) |
|---------------------|--------------|-----------------------|
| 217-Frequency-xxxxx | FC | 3.200 ~ 7.200 |

• STANDARD SPECIFICATIONS

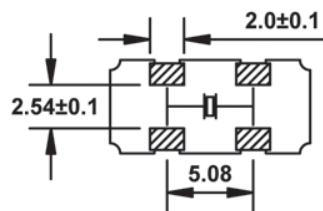
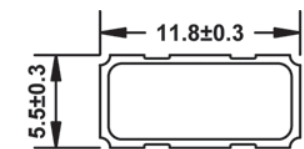
| PARAMETERS | MAX (unless otherwise noted) |
|--------------------------------------------------------------|----------------------------------------|
| Frequency Range | 3.200 ~ 7.200 MHz |
| Frequency Tolerance @ 25°C | ±50 PPM |
| Frequency Stability, ref @ 25°C Over Operating Temp Range | ±50 PPM |
| Temperature Range | |
| Operating (TOPR) | -10°C ~ +60°C |
| Storage (TSTG) | -40°C ~ +85°C |
| Shunt Capacitance (Co) | 7.0 pF |
| Load Capacitance (CL) | 10 pF ~ Series (Customer Specified) |
| Drive Level | 0.1 mW |
| Aging per year | ±5 PPM |

All specifications subject to change without notice. Rev. 6/1/04

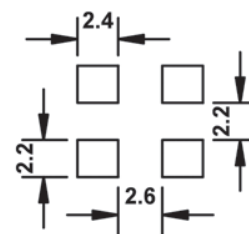
| Frequency Range (MHz) | Operating Mode | Max ESR Ω |
|-----------------------|----------------|-----------|
| 3.200 ~ 3.499 | Fundamental | 200 |
| 3.499+ ~ 3.999 | Fundamental | 140 |
| 3.999+ ~ 4.399 | Fundamental | 120 |
| 4.399+ ~ 4.899 | Fundamental | 100 |
| 4.899+ ~ 5.999 | Fundamental | 80 |
| 5.999+ ~ 6.999 | Fundamental | 60 |
| 6.999+ ~ 7.200 | Fundamental | 50 |



Learn more about:
[Part Marking Identification](#)
[Tape and Reel Specification](#)
 Internet required



Recommended Solder Pad Layout



All dimensions are in millimeters.