

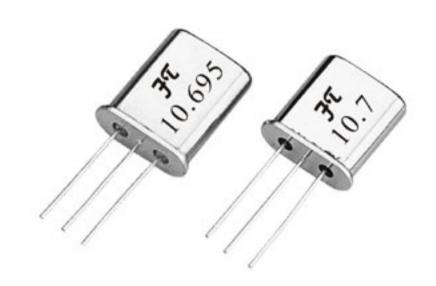


深圳市福浪电子有限公司

MONOLITHIC CRYSTAL FILTER

单片晶体滤波器

HC-49U/HC-49T DIP TYPE

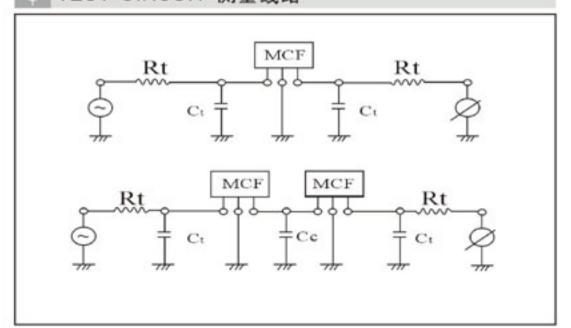


DIMENSIONS(Unit:mm) 外形尺寸 11.05max 5.0max 5.0max 49U 13.5 49T 11.4

→ PARAMETERS 技术参数

| Model 型号 | Nominal Frequency 标称频率 MHz | Pass Band Width 通常宽度 KHz/dB | Stop Band Width 阻带宽度 KHz/dB | Ripple 带内波动 dB | Insertion Loss 插入损耗 dB | Terminal Impedance 终端阻抗 Rt//Ct[Ω/pF] | Operating Temp.Range 工作温度 °C | Mode of Oscillation 振动模式 | Pole 极点 |
|-------------|-------------------------------------|--------------------------------------|--------------------------------------|----------------------|---------------------------------|---|---------------------------------------|--------------------------------|------------|
| FT10L07A | 10.695 | ±3.75/3 | ±20/20 | 0.5 | 2.0 | 1800//5 | -20°C ~ 70°C | Fund | 2 |
| FT10L15A | 10.695 | ±7.5/3 | ±25/18 | 0.5 | 2.0 | 3000//2 | -20°C ~ 70°C | Fund | 2 |
| FT10L20A | 10.695 | ±10/3 | <70/18 | 0.5 | 2.0 | 2-3000 | -20°C ~ 70°C | Fund | 2 |
| FT10M07A1 | 10.7 | ±3.75/3 | ±18/20 | 0.5 | 2.0 | 1800//5 | -20°C ~ 70°C | Fund | 2 |
| FT10M07A2 | 10.7 | ±3.75/3 | ±20/20 | 0.5 | 2.0 | 1800//5 | -20°C ~ 70°C | Fund | 2 |
| FT10M12A | 10.7 | ±6.00/3 | ±20/18 | 0.5 | 2.0 | 3000//3 | -20°C ~ 70°C | Fund | 2 |
| FT10M15A | 10.7 | ±7.5/3 | ±25/18 | 0.5 | 2.0 | 3000//2 | -20°C ~ 70°C | Fund | 2 |
| FT10M20A | 10.7 | ±10/3 | <70/18 | 0.5 | 2.0 | 2-3000 | -20°C ~ 70°C | Fund | 2 |
| FT10M30A | 10.7 | ±15/3 | ±50/18 | 0.5 | 2.0 | 5500//-1 | -20°C ~ 70°C | Fund | 2 |
| FT10M07B1 | 10.7 | ±3.75/3 | $\pm 14/40$ | 1.0 | 2.5 | 1800//4 | -20°C ~ 70°C | Fund | 4 |
| FT10M07B2 | 10.7 | ±3.75/3 | ±15/40 | 1.0 | 2.5 | 1500//4 | -20°C ~ 70°C | Fund | 4 |
| FT10M12B | 10.7 | ±6.00/3 | ±20/40 | 1.0 | 2.5 | 2800//1 | -20°C ~ 70°C | Fund | 4 |
| FT10M15B1 | 10.7 | ±7.50/3 | ±25/40 | 1.0 | 2.5 | 3000//1 | -20°C ~ 70°C | Fund | 4 |
| FT10M15B2 | 10.7 | ±7.50/3 | ±25/40 | 1.0 | 2.0 | 3000//2 | -20°C~ 70°C | Fund | 4 |
| FT10M15B3 | 10.7 | ±7.50/3 | ±27/40 | 1.5 | 2.5 | 2-3000 | -20°C ~ 70°C | Fund | 4 |
| FT10M20B | 10.7 | ±10/3 | ±34/40 | 2.0 | 2.5 | 2-3000 | -20°C ~ 70°C | Fund | 4 |
| FT10M30B | 10.7 | ±15/3 | ±50/40 | 1.0 | 2.5 | 5500//-1 | -20°C ~ 70°C | Fund | 4 |

→ TEST CIRCUIT 测量线路



PASS BAND FILTER SPEC-DRAWING

