

TR-1(3)

MCF

■ Features

Metal can leaded type crystal filter for small package.

Standardized to UM-1.

Suitable for various IF applications and exhibits superior characteristics.

Now printing

Hermetic sealing by resistance welding

Center frequency covers a range from 20 to 150MHz.

■ Standard Specifications

Model name(Number of pole)	MF44R4(2pole)	MF51Y2(2pole)	MF59TB(4pole)
Nominal Frequency	44.8485 (MHz)	51.840 (MHz)	59.700 (MHz)
Pass Bandwidth	3.0 (dB): $\pm 8.00\text{kHz}$ min.	3.0 (dB): $\pm 21.60\text{kHz}$ min.	3.0 (dB): $\pm 12.5\text{kHz}$ min.
Attenuation Bandwidth	12.0 (dB): $\pm 20.0\text{kHz}$ max.		25.0 (dB): $\pm 35.0\text{kHz}$ max.
Pass-band Ripple	1.0 max. (dB)	1.0 max. (dB)	2.0 max. (dB)
Insertion Attenuation	2.0 max. (dB)	5.0 max. (dB)	4.0 max. (dB)
Guaranteed Attenuation	50min. (dB) @ $f_0 - 910\text{kHz}$	30min. (dB) @ $f_0 \pm 1\text{MHz}$	80min. (dB) @ $f_0 \pm 910\text{kHz}$
Terminating Impedance	550(Ω)// 3.0(pF)	520(Ω)// 5.0(pF)	560(Ω)// 1.5(pF) $C_c=8.5\text{pF}$

Products with specific requirements are available upon request

■ Outline Dimensions

