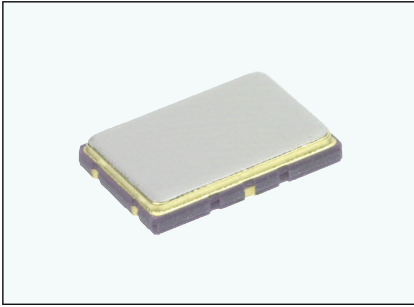


Monolithic Crystal Filter (MCF)



TS4-45B01

4-pole MCF

Features

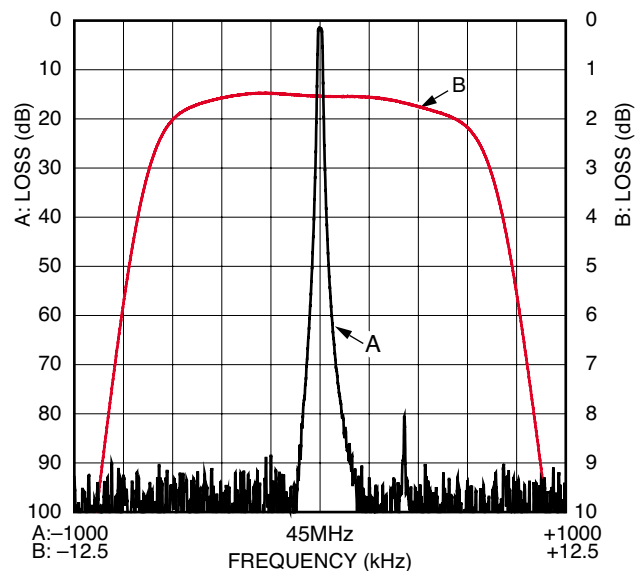
- Miniature size : 7.0(W) X 5.0(D) X 1.3(H)mm
- Surface mounting is possible
- High attenuation

Application

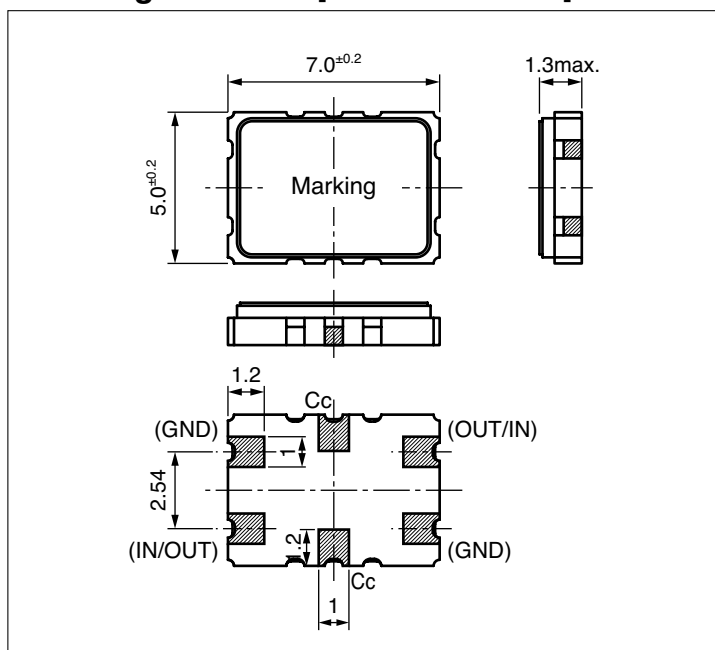
- IF filter for 2-way radio
- Cordless Phone

Specifications

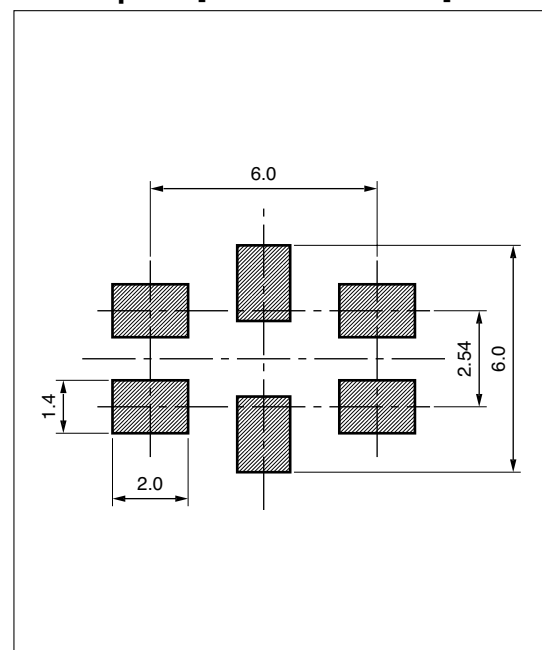
Type	TS4-45B01
Nominal frequency [fo]	45 MHz
3dB Pass band	fo ±7.5kHz min.
Insertion loss	3.0 dB max.
Pass band ripple (Peak to valley)	1.0 dB max.
Stop band attenuation fo ± 25kHz fo ±800kHz to ±1000kHz	30 dB min. 80 dB min.
Spurious response	40 dB min.
Terminating impedance (Zt)	650 Ω // 3.0 pF
Coupling impedance (Zc)	7pF
Operating temperature range	-30 °C to +85 °C



Package Outlines [Dimensions in mm]



Footprint [Dimensions in mm]



(2003. 2.)