



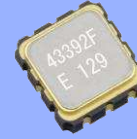
SAW FILTER

FF - 555

- Frequency range : 300 MHz to 500 MHz
- Thickness : 1.5 mm Typ.
- Applications : Wireless remote-control, Security (Automotive keyless entry)
- Excellent shock resistance and environmental capability (prevention for contamination)
- Low-loss, Narrow Pass bandwidth, High stability by using crystal substrate.



Product number (please contact us)
FF-555 : Q51FF5550xxxx00



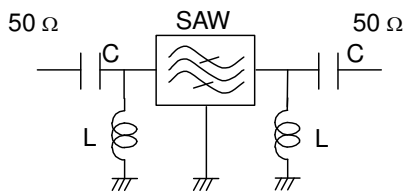
Actual size



Specifications (characteristics)

Item	Symbol	Specifications	Conditions / Remarks
		FF-555	
Nominal frequency range	f_nom	300 MHz to 500 MHz	
Storage temperature	T_stg	-55 °C to +125 °C	Store as bare product.
Operating temperature	T_use	-40 °C to +85 °C	
Insertion Loss	IL	3.5 dB Max.	Minimum Loss
Pass bandwidth	P_Bw	f_nom ± 100 kHz Min. Reference to Through level (3.5 dB down)	
Attenuation	G_Att	f_nom -21.4 MHz 40 dB Min. f_nom -10.7 MHz 40 dB Min.	Reference to Through level
Turnover temperature	Ti	+25 °C ±15 °C	
Temperature coefficient	B	$-(3.4 \pm 0.8) \times 10^{-8} / ^\circ\text{C}^2$	
Terminal impedance	Zt	370 Ω Typ.	Ex : 315 MHz
		160 Ω Typ.	Ex : 433.92 MHz

Test fixture



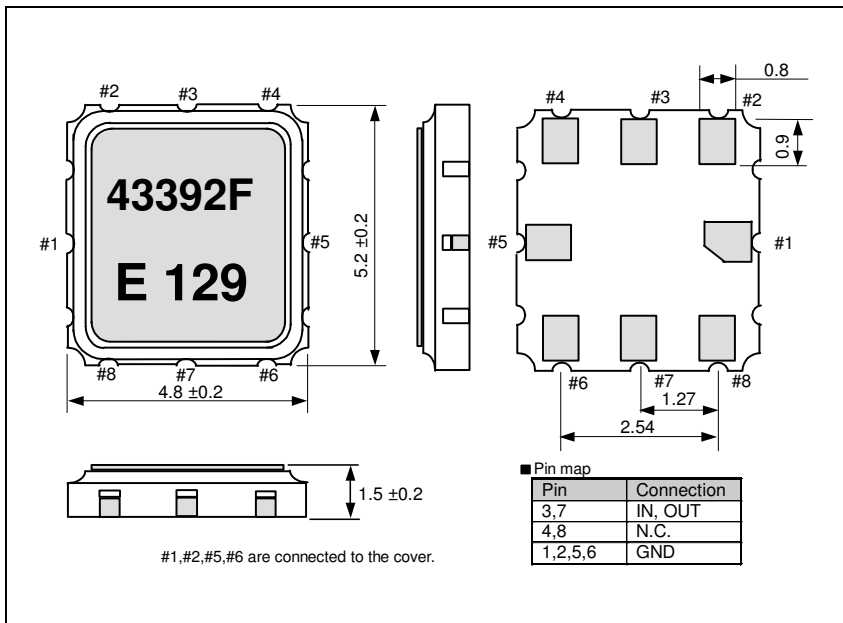
Remarks

Ex: f_nom =315 MHz
C=4 pF
L=33 nH

Ex: f_nom =433.92 MHz
C=5 pF
L=18 nH

External dimensions

(Unit:mm)



Footprint (Recommended)

(Unit:mm)

