

SAW Filter (SAW: Surface Acoustic Waves)
Front- End Filter for Wireless Receivers.

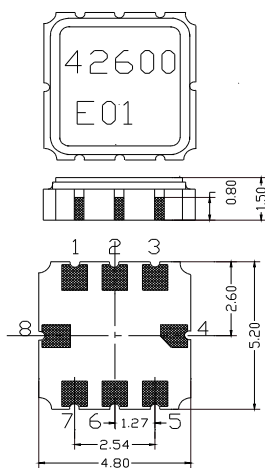
FF - 555

- Low-loss, High stability by using crystal plate.
- Reflow solderable Surface-Mount ceramic package .
- Applications: Wireless remote-control, Security (Automotive keyless entry)

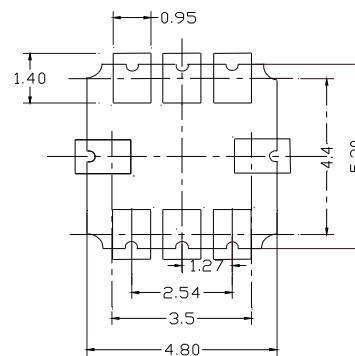
Specifications (Characteristics)

Item	Symbol	Specifications	Remarks
Nominal frequency range	Fc	300MHz to 500MHz	
Insertion Loss	IL	3dB max.	Minimum Loss
3dB Passband	BW3	±200 kHz min.	Reference to Minimum Loss
Rejection		At Fc-21.4MHz 40dB min. At Fc-10.7MHz 40dB min.	Reference to Through level (0dB)
Peak Temperature	T	25°C±15°C	
Temperature Coefficient		$-3.4 \pm 0.8 \times 10^{-8} / ^\circ\text{C}^2$	
Operable temperature	TOPR	-40°C to +85°C	
Storage temperature range	TSTG	-55°C to +100°C	
Test fixture (External Impedance)		TBD 50 SAW 50 C C L L	Ex : f0= 433.92MHz Series Capacitance 5 pF Parallel Inductance 18 nH

External Dimensions



Recommended Soldering Pattern



Terminal connection

Terminal NO.	Connection
2, 6	IN / OUT
1, 5	NC
3, 4, 7, 8	GND