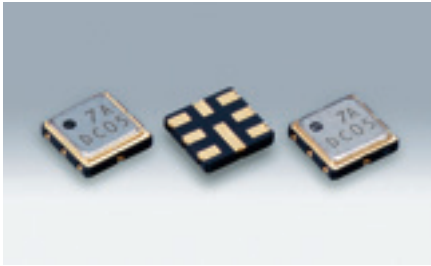


SMD Monolithic Crystal Filters

DSF444SAF, DSF444SAO 2POLE



Actual size

■ Features

- 3838 size, lightweight (0.05g) and miniature SMD crystal filter. Just 0.9mm high.
- Excellent shock and vibration resistance.

■ Applications

- Radio communications

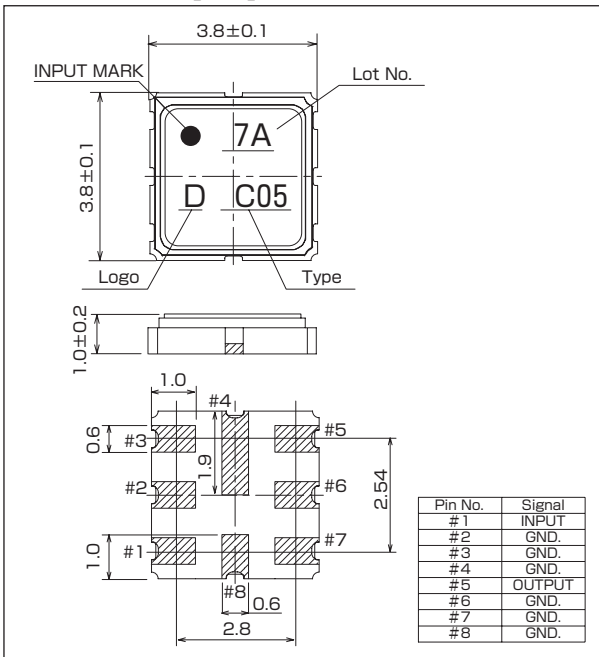


■ Standard Specification

Type	D45030AL	69415AL	DA3028AL
Vibration Mode	Fundamental	Fundamental	3rd overtone
Nominal Frequency	45.000MHz	69.450MHz	130.000MHz
Pass Bandwidth	±(15kHz min.)/3dB	±(7.5kHz min.)/3dB	±(14kHz min.)/3dB
Attenuation Bandwidth	±(60kHz max.)/15dB	±(25kHz max.)/15dB	±(50kHz max.)/15dB
Ripple	1.0dB max.	1.0dB max.	1.0dB max.
Insertion Loss	3.0dB max.	4.5dB max.	3.5dB max.
Guaranteed Attenuation	70dB min.	70dB min.	70dB min.
Terminal Impedance	800Ω//1.5pF	400Ω//4pF	740Ω//~1.2pF
Operating Temperature Range	-20~+70°C		
Packing Unit	1000pcs./reel(φ 180)		

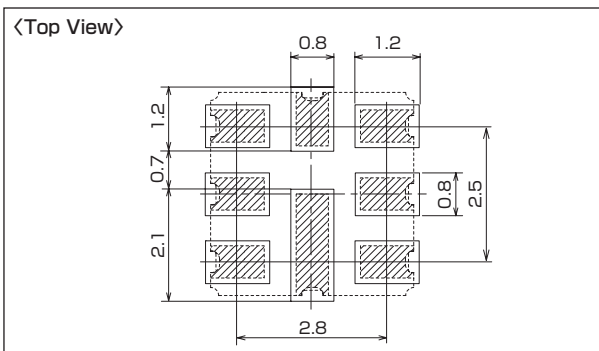
Consult our sales representative for other specifications.

■ Dimensions[mm]



■ Recommended Land Pattern

[mm]



■ Characteristics Chart (DA3028AL)

