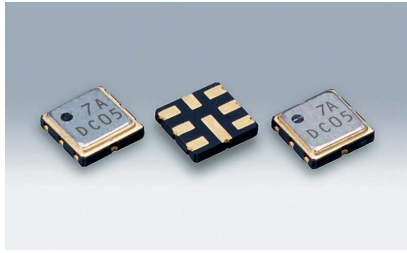


SMD Monolithic Crystal Filters

DSF444SAF, DSF444SAO 2POLE, DSF444SCF, DSF444SCO 3POLE



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



Pb-Free



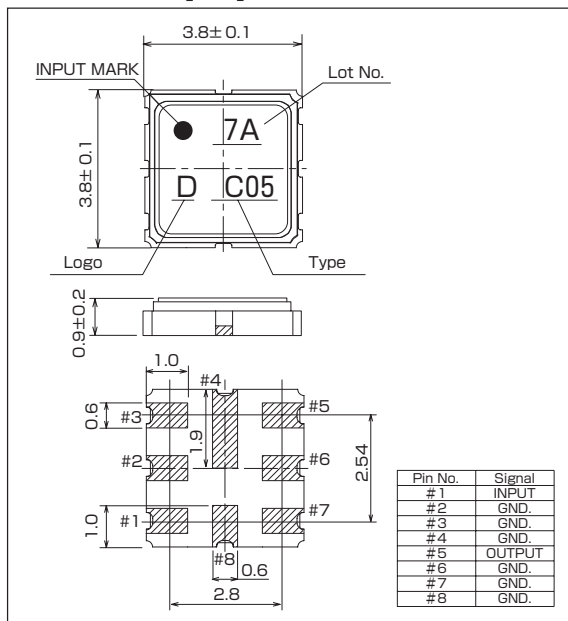
RoHS Compliant

■ Standard Specification

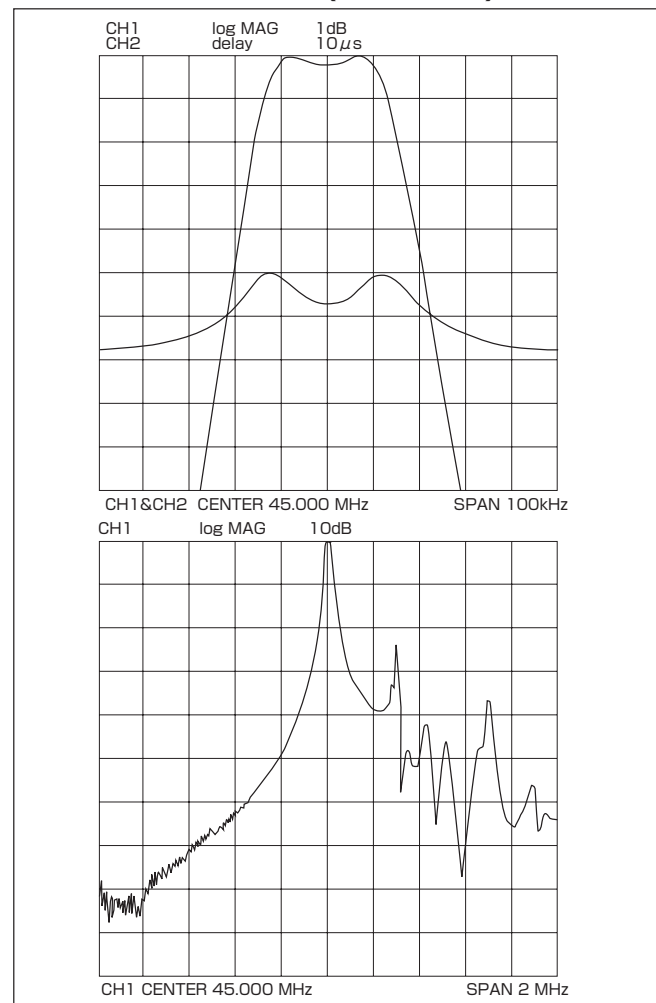
Type	D45030AL	D69415AL	DA3028AL	D73313FL	DA3030FL	DA3530FM
Pole	2	2	2	3	3	3
Overtone Order	Fundamental	Fundamental	3rd overtone	Fundamental	3rd overtone	3rd overtone
Nominal Frequency	45.000MHz	69.450MHz	130.000MHz	73.350MHz	130.000MHz	135.000MHz
Pass Bandwidth	±15kHz min./3dB	±7.5kHz min./3dB	±14kHz min./3dB	±6.5kHz min./3dB	±15kHz min./3dB	±15kHz min./3dB
Stop Bandwidth	±60kHz max./15dB	±25kHz max./15dB	±50kHz max./15dB	±20kHz max./18dB	±50kHz max./20dB	±60kHz max./24dB
Ripple	1.0dB max.	1.0dB max.	1.0dB max.	1.0dB max.	1.0dB max.	1.0dB max.
Insertion Loss	3.0dB max.	4.5dB max.	3.5dB max.	3.5dB max.	5.0dB max.	5.0dB max.
Guaranteed Attenuation	70dB min.	70dB min.	70dB min.	70dB min.	70dB min.	70dB min.
Terminating Impedance	800Ω//1.5pF	400Ω//4pF	740Ω//1.2pF	380Ω//1pF	740Ω//1.2pF	850Ω//0.6pF
Operating Temperature Range	-20~+70°C					
Packing Unit	1000pcs./reel(φ 180)					

Consult our sales representative for other specifications.

■ Dimensions[mm]



■ Characteristics Chart (D45030AL)



■ Recommended Land Pattern [mm]

