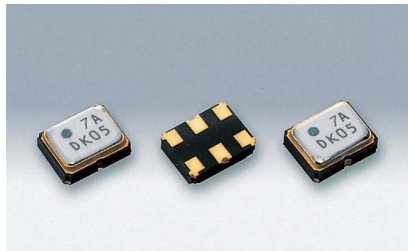


SMD Monolithic Crystal Filters

DSF223SAF 2POLE



Actual size

■ Features

- 2520 size, lightweight (0.02g) and ultra miniature SMD crystal filter. Just 0.9mm high.
- Excellent shock and vibration resistance.
- Low spurious

■ Applications

- Radio communications

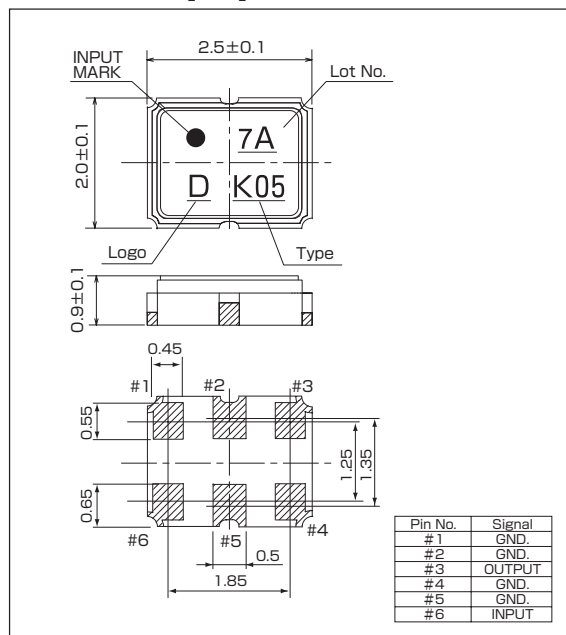


■ Standard Specification

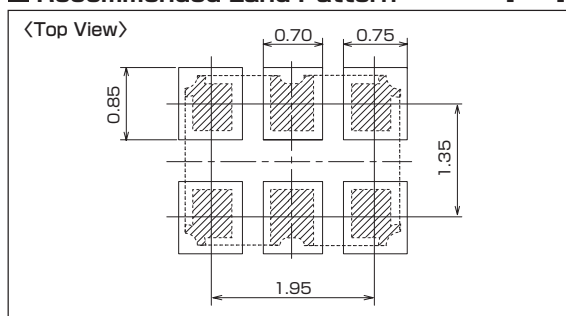
Type	DA1234AN	DA1320AN	DA3030AN
Overtone Order	Fundamental	Fundamental	Fundamental
Nominal Frequency	112.320MHz	113.800MHz	130.000MHz
Pass Bandwidth	±17kHz min./3dB	±10kHz min./3dB	±15kHz min./3dB
Stop Bandwidth	±60kHz max./10dB	±100kHz max./28dB	±100kHz max./20dB
Ripple	1.0dB max.	1.0dB max.	1.0dB max.
Insertion Loss	4.0dB max.	4.0dB max.	4.0dB max.
Guaranteed Attenuation	70dB min.	70dB min.	70dB min.
Terminating Impedance	200Ω//3pF	200Ω//4pF	200Ω//1.7pF
Operating Temperature Range	-20~+70°C		
Packing Unit	3000pcs./reel(φ 180)		

Consult our sales representative for other specifications.

■ Dimensions [mm]



■ Recommended Land Pattern [mm]



■ Characteristics Chart (DA3030AN)

