

SMD Type Monolithic Crystal Filters

DSF444SAF 2POLE (Fundamental; 45MHz~150MHz), **DSF444SAO 2POLE** (3rd overtone; 100MHz~160MHz)



Actual size

■ Features

- SMD type with size 3838 and thickness 0.9mm. Miniature and lightweight (0.05g)
- High reliability against shock and vibration.
- Suitable for mobile phones and radio communications.



Completely Lead-Free

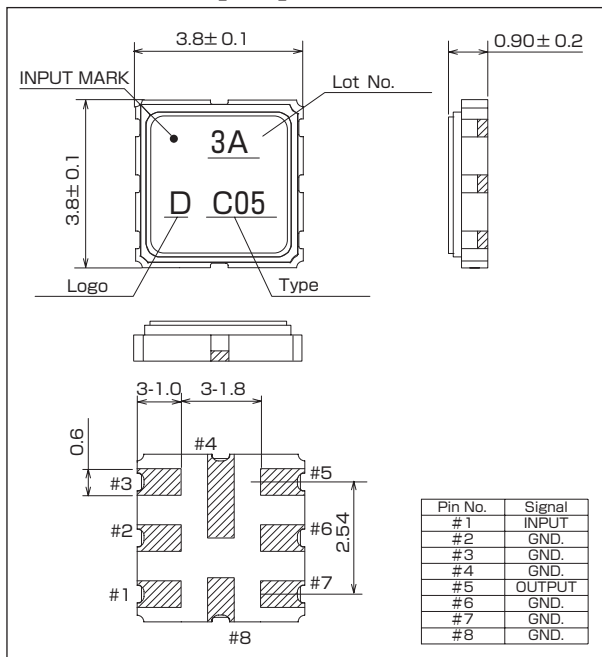
■ Generic Specification

Type	D45030AL	DA3028AL
Nominal Frequency	45.000MHz	130.000MHz
Pass Bandwidth	$\pm 15.00\text{kHz min./ } 3\text{dB}$	$\pm 14.00\text{ kHz min./ } 3\text{ dB}$
Attenuation Bandwidth	$\pm 60\text{ kHz max. / } 15\text{dB}$	$\pm 50\text{ kHz max. / } 15\text{dB}$
Ripple	1.0 dB max.	1.0 dB max.
Insertion Loss	3.0 dB max.	3.5dB max.
Guaranteed Attenuation	70 dB min.	65 dB min.
Terminal Impedance	$800\Omega//1.5\text{pF}$	$740\Omega//1.2\text{pF}$
Operating Temperature Range	$-20\sim+70^{\circ}\text{C}$	$-20\sim+70^{\circ}\text{C}$

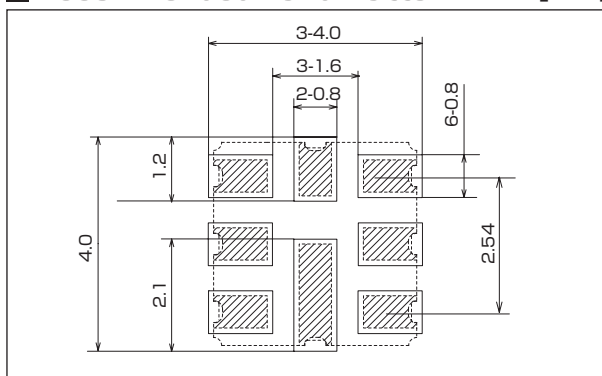
Packing Unit : 1000pcs./reel (ϕ 180)

Consult our sales representative for other specifications.

■ Dimensions[mm]



■ Recommended Land Pattern [mm]



■ Characteristics Chart (DA3028AL)

