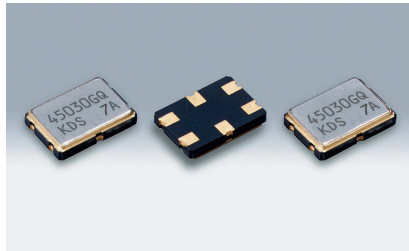


# SMD Monolithic Crystal Filters

## DSF753SBF 4POLE



### ■ Features

- 7.0×5.0×1.3mm, lightweight (0.15g) and miniature SMD crystal filter.
- 4 pole function in a single package.
- Excellent shock and vibration resistance.

### ■ Applications

- Radio communications



Pb-Free



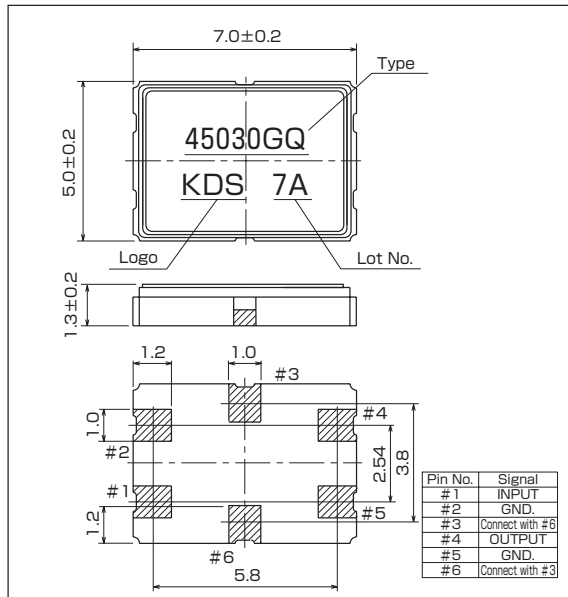
RoHS Compliant

### ■ Standard Specification

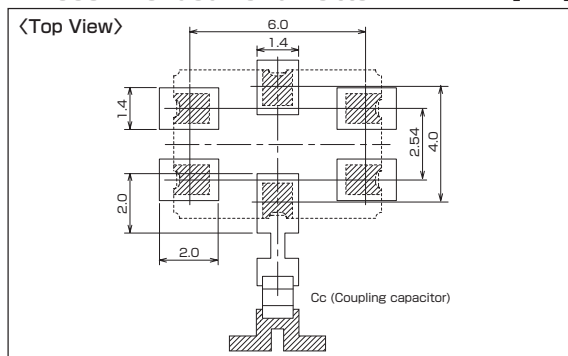
Type	D31007GQ	D45030GQ	D55008GQ
Overtone Order	Fundamental	Fundamental	Fundamental
Nominal Frequency	31.050MHz	45.000MHz	55.025MHz
Pass Bandwidth	±3.5kHz min./3dB	±15kHz min./3dB	±4kHz min./3dB
Stop Bandwidth	±15kHz max./40dB	±30kHz max./20dB	±12.5kHz max./25dB
Ripple	1.0dB max.	1.0dB max.	1.0dB max.
Insertion Loss	5.0dB max.	3.0dB max.	6.0dB max.
Guaranteed Attenuation	80dB min.	80dB min.	80dB min.
Terminating Impedance	1000Ω//4pF Cc=9pF	1300Ω//1.5pF Cc=4pF	220Ω//5pF Cc=24pF
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 (D45030GQ)

