

# SMD Monolithic Crystal Filters

## DSF753SDF 4POLE



### ■ Features

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

### ■ Applications

- Radio communications



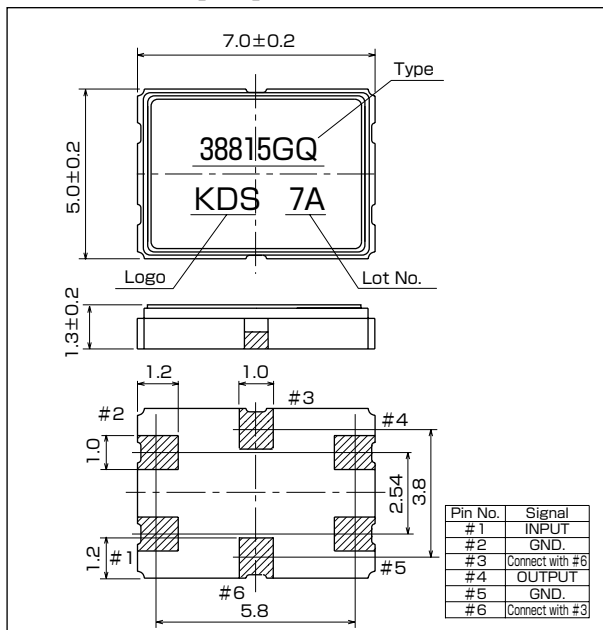
Actual size

### ■ Standard Specification

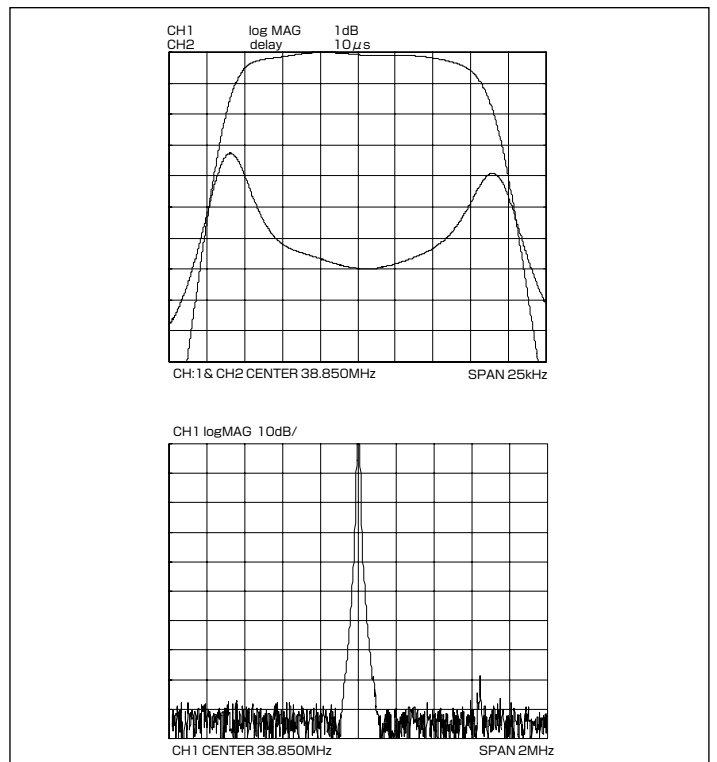
Type	D38815GQ	D45015GQ	D46307GQ	D50810GQ	D70015GQ	D73312GQ
Overtone Order	Fundamental	Fundamental	Fundamental	Fundamental	Fundamental	Fundamental
Nominal Frequency	38.850MHz	45.000MHz	46.350MHz	50.850MHz	70.000MHz	73.350MHz
Pass Bandwidth	±7.5kHz min./3dB	±7.5kHz min./3dB	±3.5kHz min./3dB	±5kHz min./3dB	±7.5kHz min./3dB	±6kHz min./3dB
Stop Bandwidth	±25kHz max./35dB	±25kHz max./30dB	±18kHz max./40dB	±20kHz max./40dB	±25kHz max./30dB	±25kHz max./40dB
Ripple	1.0dB max.	1.0dB max.	1.0dB max.	1.0dB max.	1.0dB max.	1.0dB max.
Insertion Loss	4.0dB max.	4.0dB max.	5.0dB max.	5.0dB max.	4.0dB max.	5.0dB max.
Guaranteed Attenuation	80dB min.	80dB min.	80dB min.	80dB min.	80dB min.	80dB min.
Terminating Impedance	920Ω//2.5pF Cc=7.5pF	570Ω//3pF Cc=11pF	200Ω//5pF Cc=23pF	560Ω//4pF Cc=9.7pF	350Ω//2.5pF Cc=13pF	450Ω//4pF Cc=9.2pF
Operating Temperature Range	-20~+70°C					
Packing Unit	1000pcs./reel(φ180)					

Consult our sales representative for other specifications.

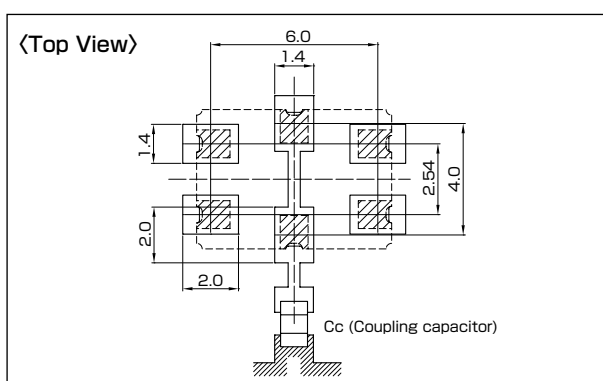
### ■ Dimensions[mm]



### ■ Characteristics Chart(D38815GQ)



### ■ Recommended Land Pattern [mm]



### ■ Measurement Circuit

