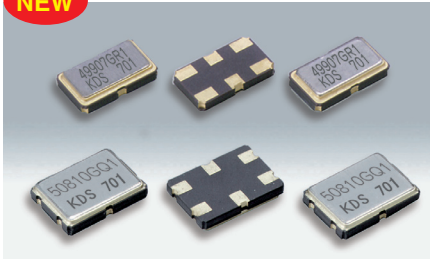


SMD Monolithic Crystal Filters

DSF633S 4POLE, DSF753S 4POLE (SDF TYPE)

NEW



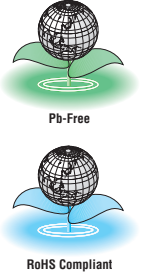
Actual size DSF633S DSF753S

■ Features

- 6035 size, lightweight (0.072g) and miniature SMD crystal filter. Just 1.1mm height.
- 7050 size, miniature SMD crystal filter. Just 1.3mm height.
- 4 pole function in a single package.
- Excellent guaranteed attenuation.
- Excellent shock and vibration resistance.

■ Applications

- Radio communications



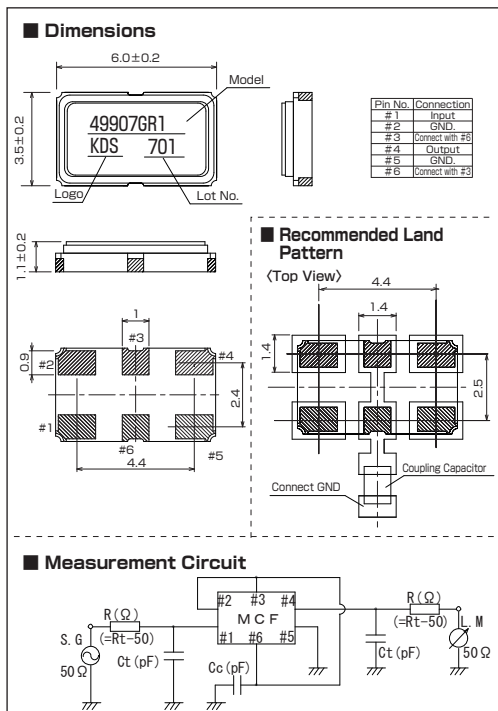
■ Standard Specification

Type	DSF633SDF			DSF753SDF	
Model	D49907GR	D58010GR	D46307GQ	D50810GQ	D73312GQ
Pole	4	4	4	4	4
Overtone Order	Fundamental	Fundamental	Fundamental	Fundamental	Fundamental
Nominal Frequency	49.950 MHz	58.050 MHz	46.350MHz	50.850MHz	73.350MHz
Pass Bandwidth	±3.5kHz min./3dB	±5.0kHz min./3dB	±3.5kHz min./3dB	±5kHz min./3dB	±6kHz min./3dB
Stop Bandwidth	±15kHz max./35dB	±12.5kHz max./25dB	±18kHz max./40dB	±20kHz max./40dB	±25kHz max./40dB
Ripple	1db max.	1db max.	1dB max.	1dB max.	1dB max.
Insertion Loss	5db max.	5db max.	5dB max.	5dB max.	5dB max.
Guaranteed Attenuation	80db min.	80db min.	80dB min.	80dB min.	80dB min.
Terminating Impedance	220Ω//7pF Cc=23pF	450Ω//4.5pF Cc=9.5pF	400Ω//4pF Cc=17.5pF	560Ω//4pF Cc=9.7pF	450Ω//4pF Cc=9.2pF
Operating Temperature Range	-20 to +70°C				
Packing Unit	1000pcs./reel(φ 180)				

Consult our sales representative for other specifications.

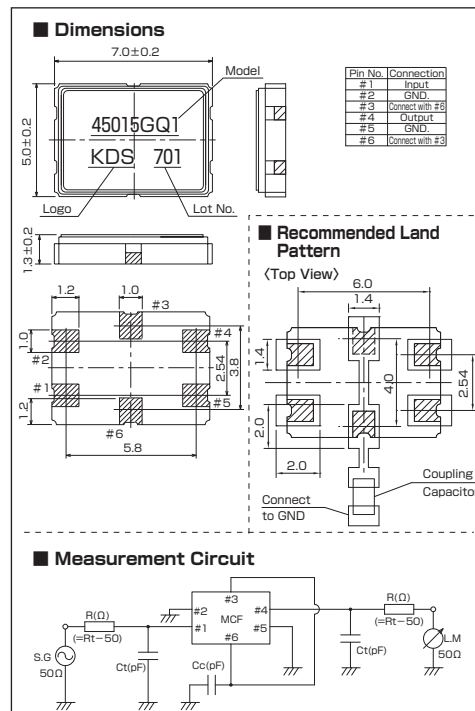
■ DSF633SD

[mm]



■ DSF753SD

[mm]



■ Characteristics Chart (fo=49.95MHz, P=±3.5kHz) ■ Characteristics Chart (fo=58.050MHz, P=±5kHz) ■ Characteristics Chart (fo=73.350MHz, P=±6kHz)

