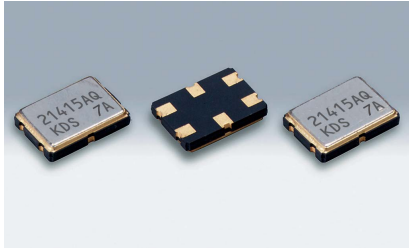


SMD Monolithic Crystal Filters

DSF753SAF, DSF753SAO 2POLE, DSF753SCF, DSF753SCO 3POLE



Actual size

Features

- 7.0×5.0×1.3mm, lightweight (0.15g) and miniature SMD crystal filter.
- Excellent shock and vibration resistance

Applications

- Radio communications

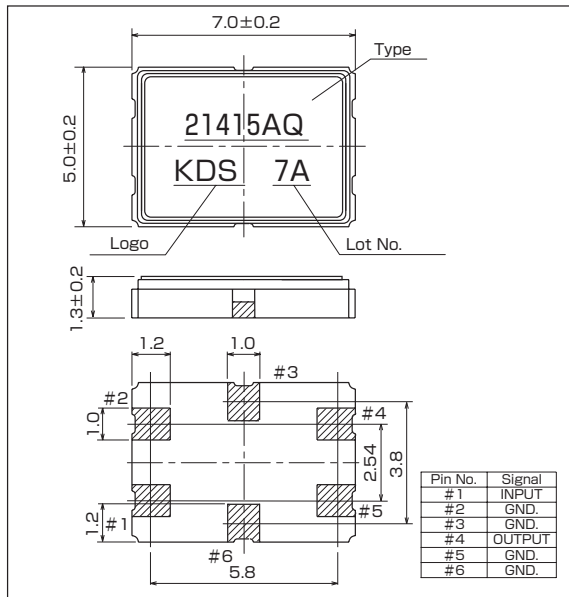


Standard Specification

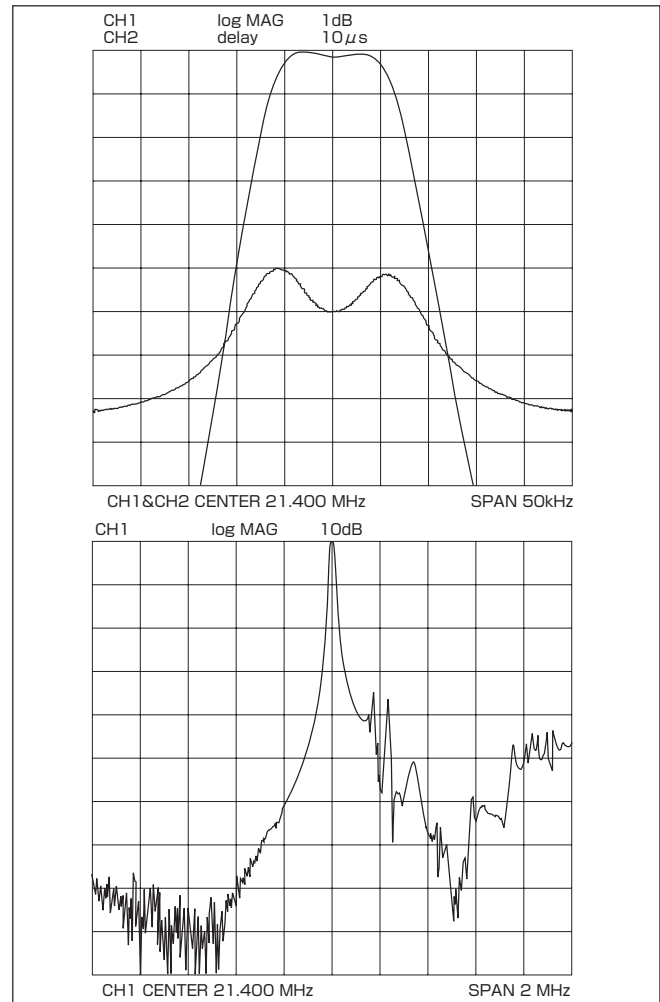
Type	D21415AQ	D29220AQ	D45030AQ	D21430FQ	D45030FQ	DA3030FQ
Pole	2	2	2	3	3	3
Overtone Order	Fundamental	Fundamental	Fundamental	Fundamental	Fundamental	3rd overtone
Nominal Frequency	21.400MHz	29.250MHz	45.000MHz	21.400MHz	45.000MHz	130.000MHz
Pass Bandwidth	±7.5kHz min./3dB	±10kHz min./3dB	±15kHz min./3dB	±15kHz min./3dB	±15kHz min./3dB	±15kHz min./3dB
Stop Bandwidth	±25kHz max./18dB	±25kHz max./10dB	±60kHz max./15dB	±25kHz max./10dB	±50kHz max./20dB	±50kHz max./20dB
Ripple	1.0dB max.	1.0dB max.	1.0dB max.	1.0dB max.	1.0dB max.	1.0dB max.
Insertion Loss	2.0dB max.	2.5dB max.	3.5dB max.	3.0dB max.	3.0dB max.	5.0dB max.
Guaranteed Attenuation	70dB min.	70dB min.	70dB min.	50dB min.	70dB min.	70dB min.
Terminating Impedance	1500Ω//2.5pF	1800Ω//1.5pF	800Ω//1.5pF	3000Ω//−1.5pF	1200Ω//−1pF	910Ω//−1pF
Operating Temperature Range	−20~+70°C					
Packing Unit	1000pcs./reel(φ 180)					

Consult our sales representative for other specifications.

Dimensions[mm]



Characteristics Chart (D21415AQ)



Recommended Land Pattern [mm]

