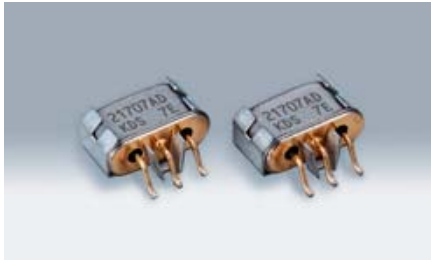


SMD Monolithic Crystal Filters [Metal Package]

UM-5J 2POLE



UM-5J

Actual size



■ Features

- UM-5 type of SMT products.
- With 2 pole the guaranteed attenuation for a fo-910kHz imaging frequency is 60dB or higher.
- Excellent shock and vibration resistance.

■ Applications

- Radio communications



Pb-Free



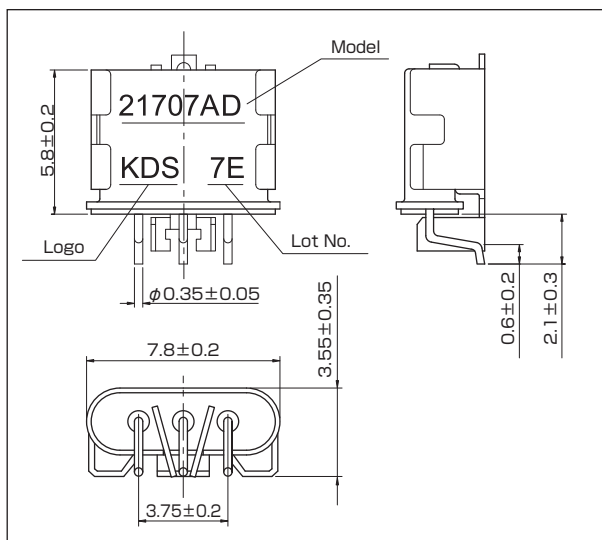
RoHS Compliant

■ Standard Specification

Type	UM-5J		
Model	D21707AD	D30815AD	D55820AD
Pole	2	2	2
Overtone Order	Fundamental	Fundamental	3rd overtone
Nominal Frequency	21.700 MHz	30.875 MHz	55.845 MHz
Pass Bandwidth	$\pm 3.5\text{kHz min./}3\text{dB}$	$\pm 7.5\text{kHz min./}3\text{dB}$	$\pm 10\text{kHz min./}3\text{dB}$
Stop Bandwidth	$\pm 12.5\text{kHz max./}16\text{dB}$	$\pm 25\text{kHz max./}16\text{dB}$	$\pm 40\text{kHz max./}20\text{dB}$
Ripple	1dB max.	1dB max.	1dB max.
Insertion Loss	2dB max.	2.5dB max.	3dB max.
Guaranteed Attenuation	70dB min.	65dB min.	30dB min.
Terminating Impedance	1500 Ω //6pF	800 Ω //5.5pF	3600 Ω //-0.8pF
Operating Temperature Range	$-20\sim+70^{\circ}\text{C}$		
Packing Unit	1000pcs./reel($\phi 330$)		

Consult our sales representative for other specifications.

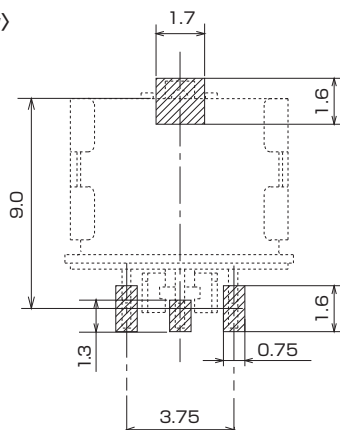
■ Dimensions[mm]



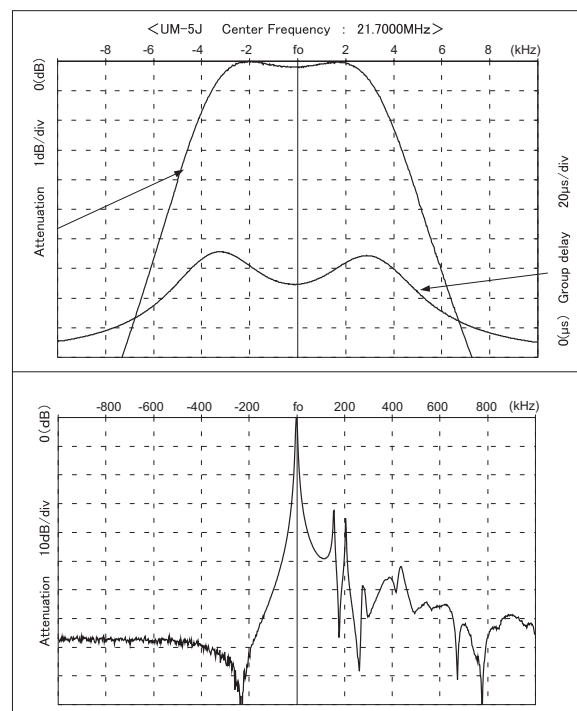
■ Recommended Land Pattern

[mm]

<Top View>



■ Characteristics Chart(D21707AD)



■ Measurement Circuit

