

SMD Type Monolithic Crystal Filters [Jacket Type]

UM-4J, UM-5J 2POLE (Fundamental; 17MHz~60MHz, 3rd overtone; 45MHz~110MHz)



UM-4J

Actual size



■ Features

- SMT version of UM-4 and UM-5.
- Attenuation at 2 pole with image frequency of fo-910kHz is 60dB or higher.
- High reliability against shock and vibration.
- Suitable for cordless phones and radio communications.



Completely Lead-Free

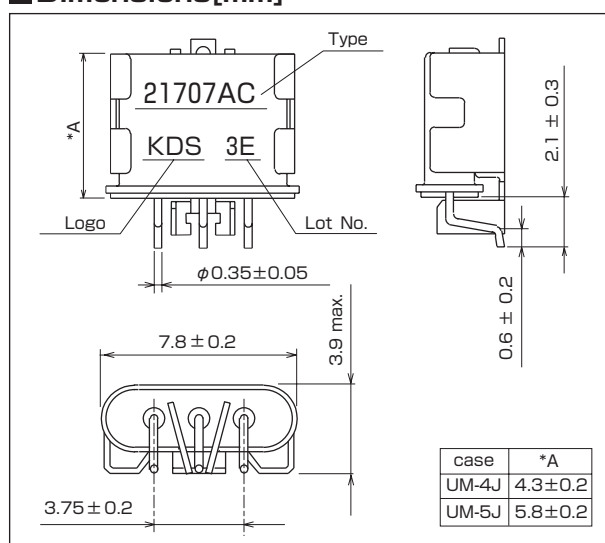
■ Generic Specification

Type	D21707A	D45015A
Package	UM-5J	UM-4J
Nominal Frequency	21.700 MHz	45.000 MHz
Pass Bandwidth	±3.50 kHz min./ 3dB	± 7.50 kHz min./ 3dB
Attenuation Bandwidth	±12.50 kHz max./ 16dB	±25.00 kHz max./ 14dB
Ripple	1.0 dB max.	1.0 dB max.
Insertion Loss	2.0 dB max.	2.5 dB max.
Guaranteed Attenuation	70 dB min./ -910kHz	65 dB min./ -910kHz
Terminal Impedance	1500Ω//6.0pF	550Ω//3.0pF
Operating Temperature Range	-20~ +70°C	-20~ +70°C

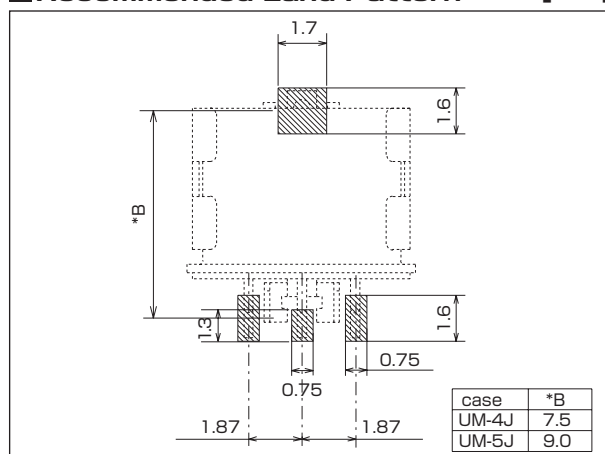
Packing Unit : 1000pcs./reel (φ330)

Consult our sales representative for other specifications.

■ Dimensions[mm]



■ Recommended Land Pattern [mm]



■ Characteristics Chart (D21707A)

