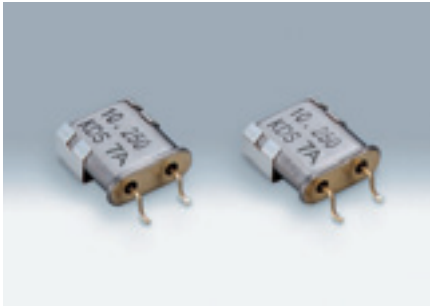


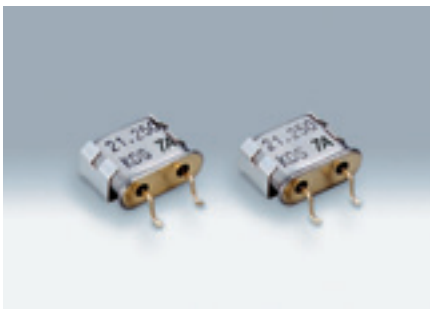
SMD Crystal Resonators / MHz Band Crystal Resonators [Metal Package]

UM-1J, UM-4J, UM-5J



UM-1J

Actual size



UM-5J

Actual size



This SMT version of the UM crystal resonator is encased in a metal package and is just 3.4mm high.

■ Features

- This SMT version of the UM-1, UM-4, and UM-5 crystal resonators are encased in metal jackets.
- High precision and high reliability
- Suitable for automatic mounting and reflow soldering.



Pb-Free



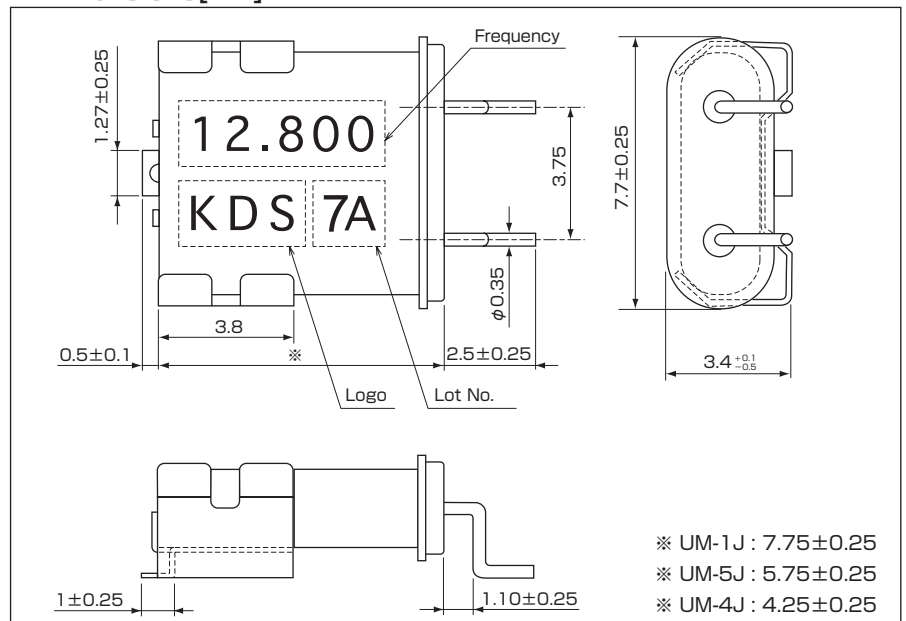
RoHS Compliant

■ Series Resistance

Frequency	Type	Overtone Order	UM-1J UM-5J	UM-4J
10~15MHz		Fundamental	50Ω max.	50Ω max.
15~30MHz		Fundamental	50Ω max.	50Ω max.
30~75MHz		3rd overtone	70Ω max.	70Ω max.
75~100MHz		3rd overtone	70Ω max.	70Ω max.
100~125MHz		5th overtone	80Ω max.	80Ω max.
125~150MHz		5th overtone	100Ω max.	100Ω max.
150~200MHz		7th overtone	120Ω max.	—

Consult our sales representative for other specifications.

■ Dimensions[mm]



■ Frequency Range
10~200MHz

■ Overtone Order
Fundamental, 3rd overtone,
5th overtone, 7th overtone

■ Drive Level
10μW

■ Load Capacitance
Series, 16pF, 20pF, 30pF, 32pF

■ Frequency Tolerance (at 25°C)
±10×10⁻⁶

■ Frequency Characteristics over
Temperature (Ref. to 25°C)
±5×10⁻⁶, ±10×10⁻⁶, ±15×10⁻⁶

■ Operating Temperature Range
-10~+60°C

■ Storage Temperature Range
-30~+80°C

■ Recommended Land Pattern

[mm]

