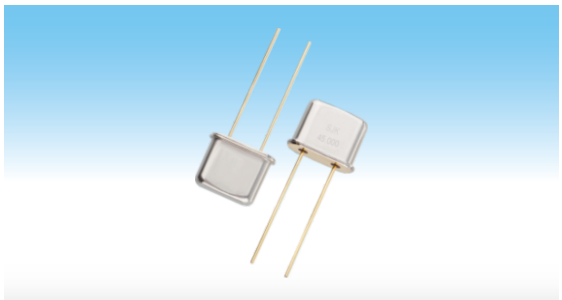
Quartz Crystal Units

6D /6E Series UM-1 /UM-5 Crystal Unit 4MHz~200MHz Size: 7.0×8.0×8.0 /7.0×8.0×6.0mm



Features

- Resistance welded type crystal units
- A great number of standard frequencies
- Wide frequency range from 4MHz up to 200MHz
- Excellent aging characteristics
- Uniform frequency tuning range and modulation sensitivity
- Application for TV, STB, LCDM, Communication, Mobile radio communications, Cable modem, etc.
- RoHS Compliant /Pb Free

Standard Specifications

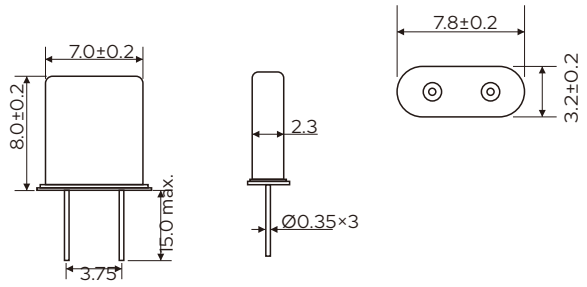
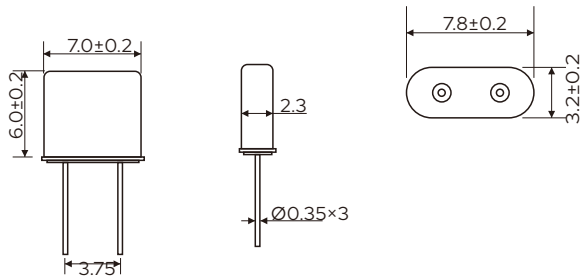
Item \ Type	6D /6E Series UM-1 /UM-5 Crystal Units
Frequency Range	4~200MHz
Load Capacitance	16pF, 18pF, 20pF, or specify
Drive Level	100μW typical
Frequency Tolerance	±10ppm, ±20ppm, ±30ppm, or specify (at 25°C)
Frequency Characteristics Over Temperature	±10ppm, ±20ppm, ±30ppm, or specify
Operating Temperature Range	-20~+70°C, -40~+85°C, or specify
Storage Temperature Range	-55~+125°C

Equivalent Series Resistance (ESR)

Fundamental		3rd Overtone		5th /7th Overtone	
4~4.999MHz	100Ω max.	24~34.999MHz	40Ω max.	100~200MHz	40Ω max.
5~5.999MHz	90Ω max.	35~100MHz	80Ω max.		
6~6.999MHz	80Ω max.				
7~9.999MHz	60Ω max.				
10~13.999MHz	50Ω max.				
14~23.999MHz	40Ω max.				

Dimensions [mm]

UM-1



UM-5