

Surface Mount Low Frequency Crystal

Series **CT6**

- Very small package dimensions
- Extremely low drive level
- High reliability

Part Numbering Example: **CT6 Z - A1 B5 C5 - 75.0K D7**

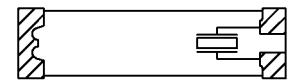
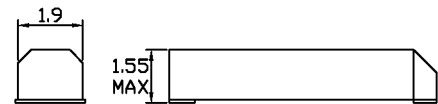
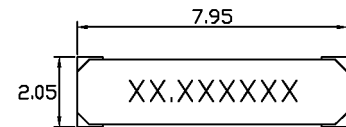
CT6	Z	A1*	B5	C5	75.0K	D7
SERIES	ADDED FEATURES	OPERATING TEMP.	STABILITY	TOLERANCE	FREQUENCY	LOAD CAP.
CT6	BLANK = BULK PACK Z = TAPE AND REEL	A0 = -10°C ~ +60°C A1 = -10°C ~ +70°C A2 = -40°C ~ +85°C A3 = -55°C ~ +125°C	B1 = ±100 B2 = ± 50 B3 = ± 30 B4 = ± 10 B5 = ± 20	C1 = ±100 C2 = ± 50 C3 = ± 30 C4 = ± 10 C5 = ± 20		D16,18,20,ETC. DS = SERIES

**NOTE: The above ABC combinations cover basic specification options. We tailor our crystal specifications to meet customer requirements. Please contact our sales department if you don't see exactly what you need.*

Specifications:

Frequency Range:	32.768 KHz 75.000 KHz
Operating Temperature:	-20°C ~ +70°C
Temperature Coefficient:	-(0.035 ± 0.008) ppm/°C ²
Frequency Tolerance:	± 20 ppm <i>Standard</i> (at 25°C) ± 10 ppm
Load Capacitance:	7 pF Other values are available.
Resistance:	55,000Ω Max
Standard:	Shunt Capacitance: 0.8 pF typ. Aging: ± 3 ppm/year Max Drive Level: 1.0 μW Max Packaging: Tape and Reel (3K per Reel)

CT6



RECOMMENDED SOLDER PAD LAYOUT

