



DT38

Frequency:32.768KHz

Size:3.0 x 8.0 mm

Temperature:-40°C~+85°C

Stability:±20ppm

Parameter Table

PARAMETERS	SPECIFICATION
Frequency Range	32.768KHz (30.00~ 200.00 KHz available)
Loading Capacitance	12.5pF Std. 6 pF~20pF available
Drive Level	1.0μW Max
Frequency Tolerance	±5ppm / ±10ppm / ±20ppm (at 25°C)
Equivalent Resistance	30KΩ Max
Temperature coefficient	-0.04×10 ⁻⁶ /°C ² max, -0.034×10 ⁻⁶ /°C ² typical
Operating Temp. Range:	-20~+70°C/-40~+85°C
Storage Temp. Range:	-40~+85°C
Aging (25°C, First Year)	±5ppm max

PART NUMBER GUIDE e.g. FTX32.768K12.5D8-20D (*D8=3.0×8.0mm)

	Quartz Crystal Resonator	Frequency	Load Capacitance	Package	Frequency Tolerance	
FT	X	32.768KHz	12.5pF	D8	+/-20	

Definition	Description
Operating Temperature Range	A : -10~+60°C
	B : -20~+70°C
	C : -30~+80°C
	D : -40~+85°C

E : Customer specified

External dimensions

