

FREQTECH[®]
your first and second source

FT12A

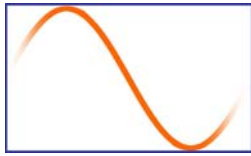
Package: metal

rohs compliant



Electrical specifications

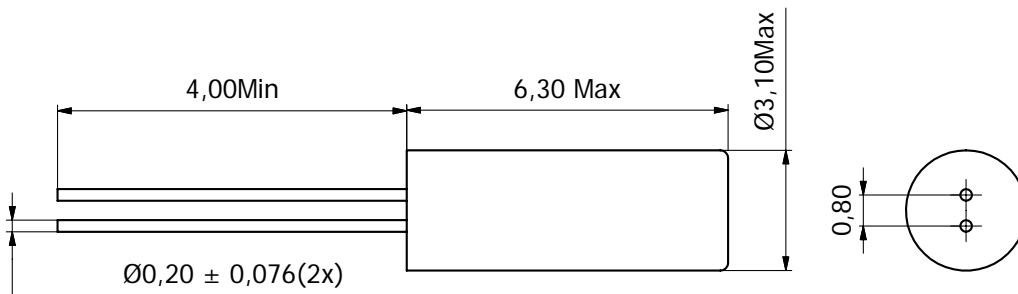
Parameter	Condition	Availability	Standard
Frequency range			32,768kHz
Frequency stability	@ +25°C	+/-10 ~ +/-100 ppm	+/- 20 ppm
Temperature tolerance	@ -10°C ~ +60°C		-0,042 ppm/(Δ°C) ²
Operating temperature range		-20 ~ +70 °C	-10 ~ +60 °C
Storage temperature range			-20 ~ +70 °C
Shunt capacitance			0,85pF
Load capacitance	Customer specified	6 ~ series	12,5pF
Drive level			1μW
Equivalent series resistance			50 kΩ
Aging	@ +25°C, per year	-5,0 ~ +5,0ppm	



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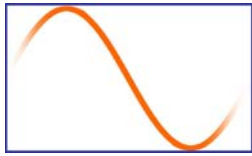
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Mechanical dimensions (mm)



Ordering key

Type	- frequency	/ load capaciance	- frequency stability	/ operating teperature	/ option
FT12A	32,7680 kHz	value in pF s for series	value in ppm	16 = $-10^{\circ}\text{C}\sim+60^{\circ}\text{C}$	GW = gull wing
				27 = $-20^{\circ}\text{C}\sim+70^{\circ}\text{C}$	
				48 = $-40^{\circ}\text{C}\sim+85^{\circ}\text{C}$	



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