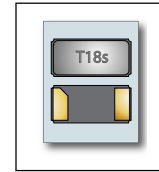


# T18s Crystal Tuning Fork

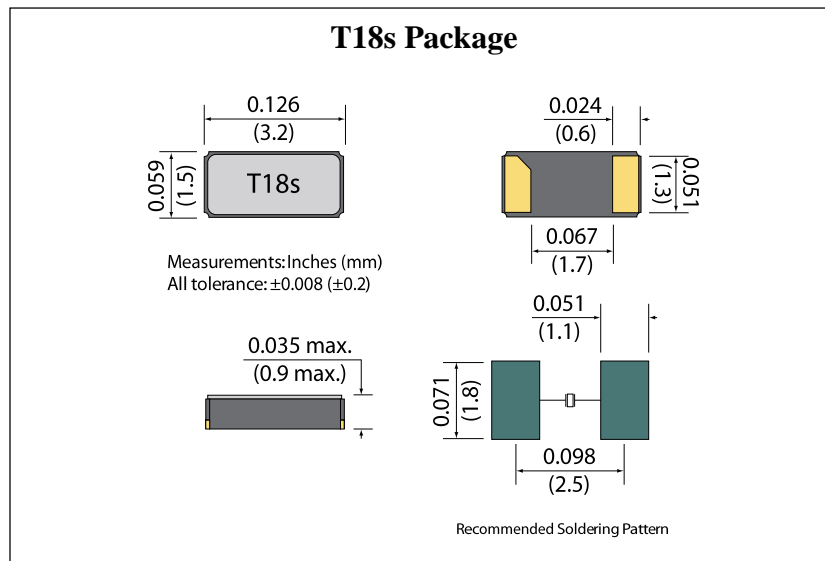


**FEATURES:**

**Ceramic Package**  
**Pick and Place Compatible**

**Low Cost**  
**3.2 x 1.5 x 0.9 mm**

Parameter	Unit	Min.	Typ.	Max.
Frequency	kHz	32.768		
Operating Temperature Range	°C	-20 to +70 or -40 to +85		
Frequency Tolerance at 25°C	ppm	-	±20	-
Frequency Stability	ppm	±100, ±150		
Turnover Temperature	°C	25 ±5		
Load Capacitance (C <sub>L</sub> )	pF	9.0 or 12.5		
Shunt Capacitance (C <sub>0</sub> )	pF	-	-	3
Temperature Coefficient	ppm/°C <sup>2</sup>	-	-	-0.04
Series Resistance (R)	kOhms	-	-	70
Drive Level	µW		0.1	0.5
Quality Factor (Q)		30000	-	-
Aging per year	ppm	-	-	±3
Storage Temperature	°C	-55	-	+125



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Example Part Number: T18s-A-A-48-A-32K768

T18s	-	<input type="text" value="1"/>	-	<input type="text" value="2"/>	-	<input type="text" value="3"/>	-	<input type="text" value="4"/>	-	<input type="text" value="5"/>
		<b>1</b>		<b>2</b>		<b>3</b>		<b>4</b>		<b>5</b>
		<b>Tolerance</b>		<b>Stability</b>		<b>Temp. Range</b>		<b>Load Cap.</b>		<b>Frequency</b>
		A = ±20		A = ±150 B = ±100		27 = -20 to +70°C 48 = -40 to +85°C		A = 12.5 B = 9.0		Frequency in KHz i.e. 32K768 use K for decimal point