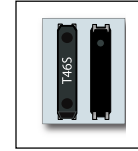


T46s Crystal Tuning Fork

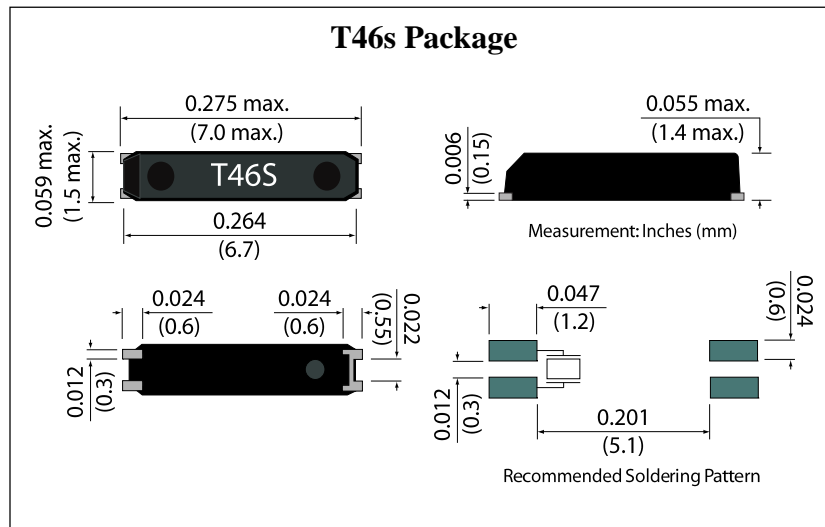


FEATURES:

Gull-wing Package
Pick and Place Compatible

Plastic Package
7.0 x 1.5 x 1.4 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	-
Turnover Temperature	°C	25 ±5		
Load Capacitance (C _L)	pF	9.0 or 12.5		
Shunt Capacitance (C ₀)	pF	-	-	3
Temperature Coefficient	ppm/°C²	-	-	-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: T46s-A--48-A-32K768

T46s - - - -

1 2 3 4

Tolerance	Temp. Range	Load Cap.	Frequency
A = ±20	27 = -20 to +70°C	A = 12.5	Frequency in KHz
	48 = -40 to +85°C	B = 9.0	i.e. 32K768
			use K for decimal point