

## Quartz

Thru Hole

ADX26T Series

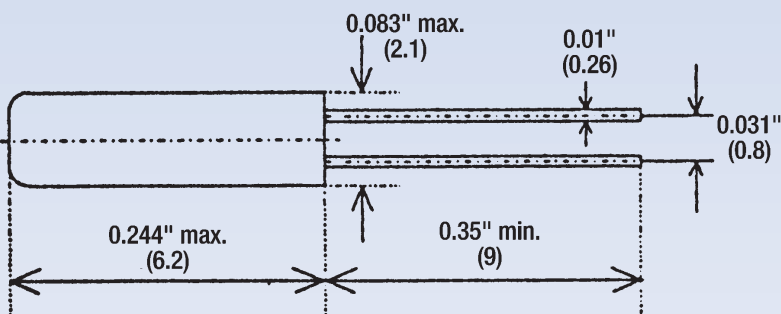
## ADX26T



## FEATURES

- High Frequency Crystal in 2mm x 6mm
- Excellent Shock Resistance
- Excellent Environmental Characteristics
- Space Savings
- Formed Leads for SMT Application (-M)
- Applications, A/V Equipment, Communication Equipment, Measuring Instruments

## UNIT DIMENSION (unit: mm)



## STANDARD SPECIFICATIONS

Package Type		ADX26T
Type		2 x 6 32.768 KHz Tuning Fork
Frequency Tolerance	# f/F	±20 ppm
Load Capacitance	CL	12.5 pF
Equivalent Series Resistance	Rs	30K Ω max.
Oscillation Frequency	F	32.768 KHz
Quality Factor	Q	50K min.
Shunt Capacitance	Co	1.6 pF
Shock Resistance	# f/F	±3 ppm
Turnover Temperature	Tt	25°C ±5°C
Temperature Coefficient	β	-0.035 ±0.005 ppm / °C
Capacitance Ratio	γ	520, Typical
Drive Level	P	1 μW max.
Aging 1st Year	# f/F	±3 ppm max.
Insulation Resistance	IR	500M Ω min. at 100V DC
Operating Temperature Range	To	-10°C to +60°C

# Quartz Part Numbering Guide

Thru Hole

ADX Series

OSC

VCXO  
VCO

TCXO  
VCTCXO

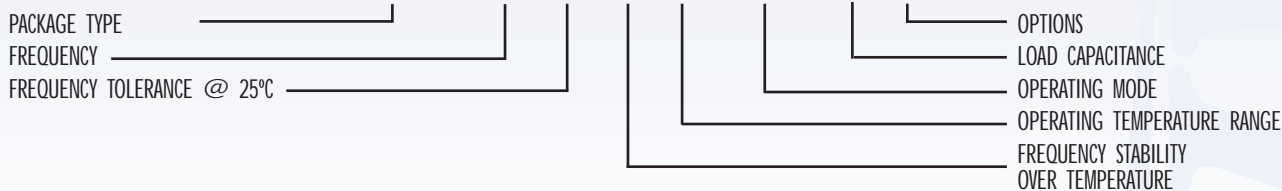
FLTR

RES

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<b>Package Type</b>	UM-1	ADXUM1	pg34	HC42/U	ADX42	pg34	HC49/U	ADX49	pg34	HC49/T	ADX49T	pg36
	UM-2	ADXUM2	pg34	HC43/U	ADX43	pg34	HC49/S	ADX49S	pg35	HC50/U	ADX50	pg36
	UM-5	ADXUM5	pg34	HC47/U	ADX47	pg34	HC49/SS	ADX49SS	pg36	HC50/T	ADX50T	pg36
	HC36/U	ADX36	pg34	HC48/U	ADX48	pg34	HC49/SS	ADX49SS1	pg36			
<b>Frequency</b>	MHz		M	KHz		K						
<b>Frequency Tolerance @ 25°C</b>	±100ppm		A	±40ppm		D	±25ppm		G	±10ppm		J
	±50ppm		B	±35ppm		E	±20ppm		H	±5ppm		K
	±45ppm		C	±30ppm		F	±15ppm		I			
<b>Frequency Stability Over Temperature</b>	±100 ppm		P	±40 ppm		S	±25 ppm		V	±10 ppm		Y
	±50 ppm		Q	±35 ppm		T	±20 ppm		W	±5 ppm		Z
	±45 ppm		R	±30 ppm		U	±15 ppm		X			
<b>Operating Temperature Range</b>	0°C to +70°C		1	-20°C to +70°C		3	-40°C to +85°C		5	0°C to +55°C		7
	-10°C to +60°C		2	-40°C to +75°C		4	-40°C to +90°C		6	-40°C to +125°C		8
<b>Operating Mode</b>	Fundamental		F	5th Overtone		5	9th Overtone		9			
	3rd Overtone		3	7th Overtone		7						
<b>Load Capacitance</b>	6 pF	6	18 pF		18	30 pF		30	Series		S	
	10 pF	10	20 pF		20	32 pF		32				
	12 pF	12	22 pF		22	50 pF		50				
<b>Options</b>	Third Lead		L	Insulator Tab		I	Tape & Reel		T	Vinyl Sleeving		V

**EXAMPLE**



<b>Package Type</b>	ADX26T	pg37		ADX309	pg39	
	ADX38T	pg38		ADX310	pg39	
<b>Frequency</b>	MHz		M	KHz		K
<b>Frequency Tolerance @ 25 C</b>	±100ppm		A	±35ppm		E
	±50ppm		B	±30ppm		F
	±45ppm		C	±25ppm		G
	±40ppm		D	±20ppm		H
<b>Load Capacitance</b>	6pF	6	7pF	7	12.5pF	12.5
<b>Option</b>	Bulk	Blank	Tape & Reel	T		

