

Micro Crystal AG

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To Whom It May Concern

Grenchen, 16. June 2010

LAST TIME BUY ANNOUNCEMENT

Micro Crystal AG will discontinue production of the product MX1V-T1K, MX1V-T1S, MX1V-T1N as below schedule:

Last Order Date: 31. December 2010
Last Delivery Date: 30. June 2011

The reason for discontinuation is a reduction in demand from the world market for this product.

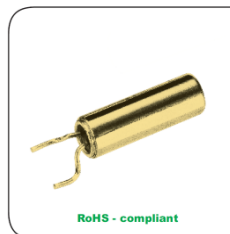
Micro Crystal offer as a replacement product the MS1V-T1K (Drop in replacement) or MS3V-T1R (smaller package), which is in full Massproduction since many years.

See comparison below and datasheet on our web page: www.microcrystal.com



MX1V-T1K

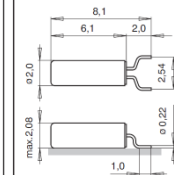
Tuning Fork Crystal 30 kHz – 200 kHz



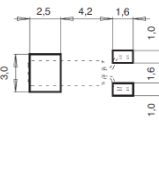
RoHS - compliant

DIMENSIONS

Package:



Recommended Solder Pad:



All dimensions in mm typical

Part Number / Ordering Information

Crystal package	M	S	V	T	R	32,768 kHz	12.5 pF	+/- 20 ppm
Package form	X	S						Frequency tolerance
Package size	1	2	3	5				Load capacitance C _L
Blank								Frequency F _L
V = Tuning fork								Package lead form
Watch Crystal								N = Straight leads
DS26-T1N only available								K = SMD spacing 1/10"
								S = SMD spacing 1/20"
								R = SMD spacing 1.0mm
								Lead plating
								1 = Au flashed leads
								Package type
								T = SMD or thru hole mounting



MS1V-T1K

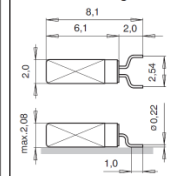
Tuning Fork Crystal 30 kHz – 200 kHz



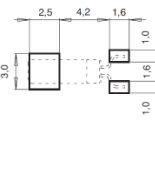
RoHS - compliant

DIMENSIONS

Package:



Recommended Solder Pad:

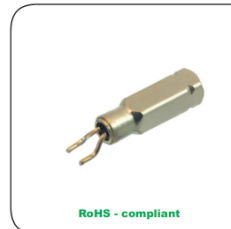


All dimensions in mm typical



MS3V-T1R

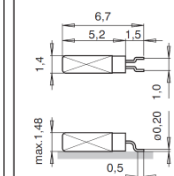
Tuning Fork Crystal 30 kHz – 200 kHz



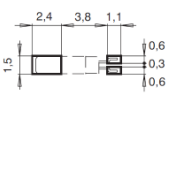
RoHS - compliant

DIMENSIONS

Package:



Recommended Solder Pad:



All dimensions in mm typical

Sincerely

Dieter Liesabeths
Vice President
Micro Crystal AG