



actual size

HC532M4

HOORAY

surface mount quartz crystal

• features

- high frequency stability type
- ceramic/metal package

type	HC532M4	
frequency	10.0 ~ 48.0 MHz (fund. AT-cut) / 50.0 ~ 120.0MHz (3rd Overtone AT-cut) / 90.0 ~ 160.0MHz (5th Overtone AT-cut)	
frequency tolerance at 25 °C	± 10 ppm	± 50 ppm
frequency temperature characteristic	± 10 ppm	± 50 ppm
operating temperature range	-10 °C ~ +60 °C	
storage temperature	-40 °C ~ +90 °C	
load capacitance C_L	12 pF ~ 32 pF, series	
shunt capacitance C_0	< 7 pF	
drive level max.	100 μ W	
aging	< ± 3 ppm	

marking:

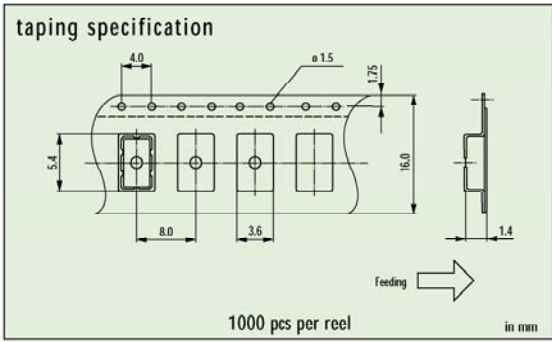
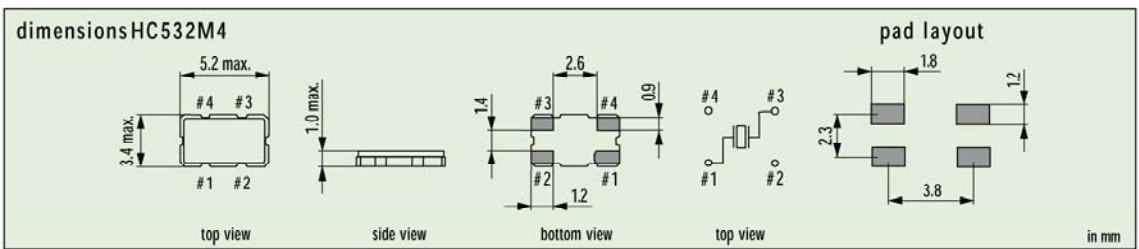
1. line = company code / load capacitance
2. line = frequency / date code

date code

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
2007	a	b	c	d	e	f	g	h	j	k	l	m
2008	n	p	q	r	s	t	u	v	w	x	y	z
2009	A	B	C	D	E	F	G	H	J	K	L	M
2010	N	P	Q	R	S	T	U	V	W	X	Y	Z

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standard load capacitance

12 pF	24 pF
16 pF	30 pF
18 pF	32 pF
20 pF	series
22 pF	

