Tel : 0044 (0)118 979 1238
Fax : 0044 (0)118 979 1283
email : info@actcrystals.com

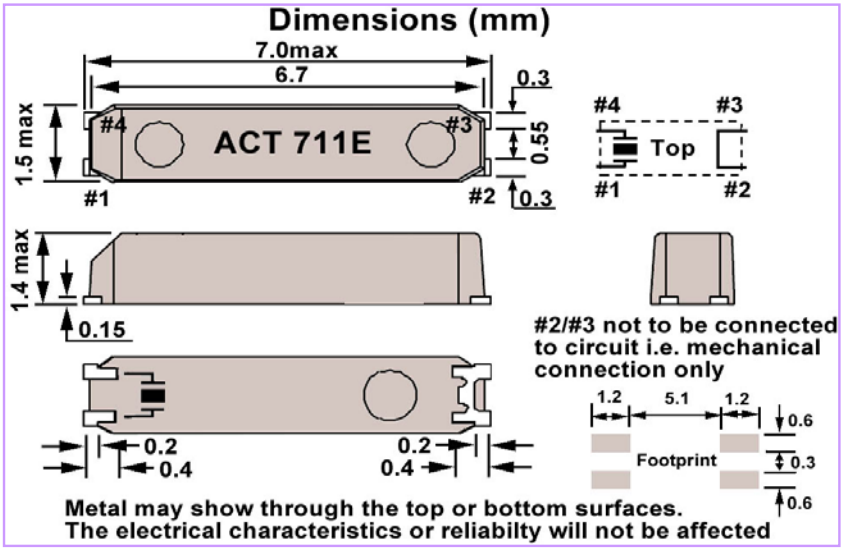
ACT711E

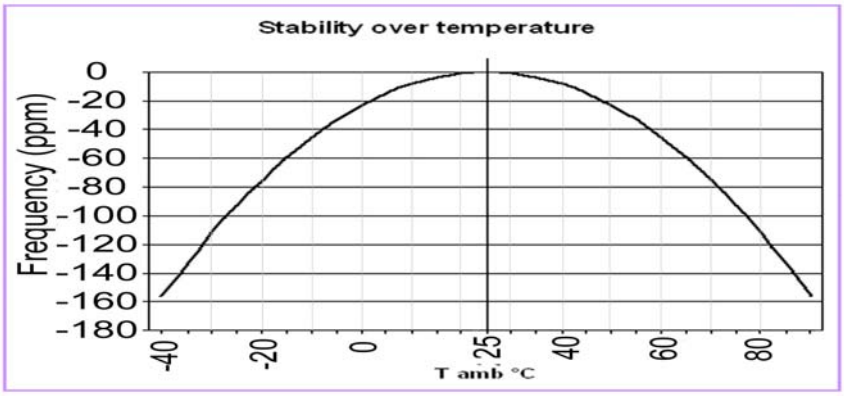
The **ACT711E** is an ultra thin, plastic moulded package with a maximum height of 1.4 mm. The package contains a highly reliable cylinder type quartz crystal and is ideally suitable for automatic insertion, especially where PCB component mounting space is at a premium.
Applications include Wireless Communications Equipment, Pagers, PDAs, Cellular Phones, Portable applications, and a variety of clock sources.



Specification

Parameter	Symbol	Specification	
Frequency	fo	32.768kHz	
Frequency Tolerance	Δf/fo	±20ppm, ±50ppm	Please specify
Frequency v Temperature @25°C	TC	Please See Drawing	
Turnover Temperature	Tp	+25°C ±5°C	
Temp. Coefficient	K	(-4.0±1.0) x 10^{-8}/°C² max	
Temp Operating Range	Topr	-40 ~+85°C	
Temp Storage Range	Tstg	-55 ~ +125°C	
Equivalent Series Resistance	ESR	65KΩ max	
Shunt Capacitance	C_0	0.8pF max	
Motional Capacitance	C_1	1.9fF typ	
Load Capacitance	C_L	12.5pF (7.0pF &9.0pF options)	Please specify
Drive Level	DL max	1.0μW (0.1μW Recommended)	
Aging	Fa	±3ppm max 25°C ±3°C, First Year	
Reflow Profile	Tsol	Max 2 reflow cycles to profile (fig 1)	





Please note that all parameters can not necessarily be specified in the same device

Customer to specify: Frequency Tolerance, Load capacitance

In line with our ongoing policy of product evolvement and improvement, the above specification may be subject to change without notice

ISO9001 Registered

For quotations or further information please contact us at:
3 The Business Centre, Molly Millars Lane, Wokingham, Berkshire, RG41 2EY, UK
http://www.actcrystals.com

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ACT711E TAPE & REELING SPECIFICATION

Standard Reel Quantity 3000

Tape & Reel Dimensions (mm)							
Reel			Tape				Direction of feed
A	B	W	A	B	C	D	
Ø330	Ø80 or 100	17.5	8	9.25	16	1.7	Left

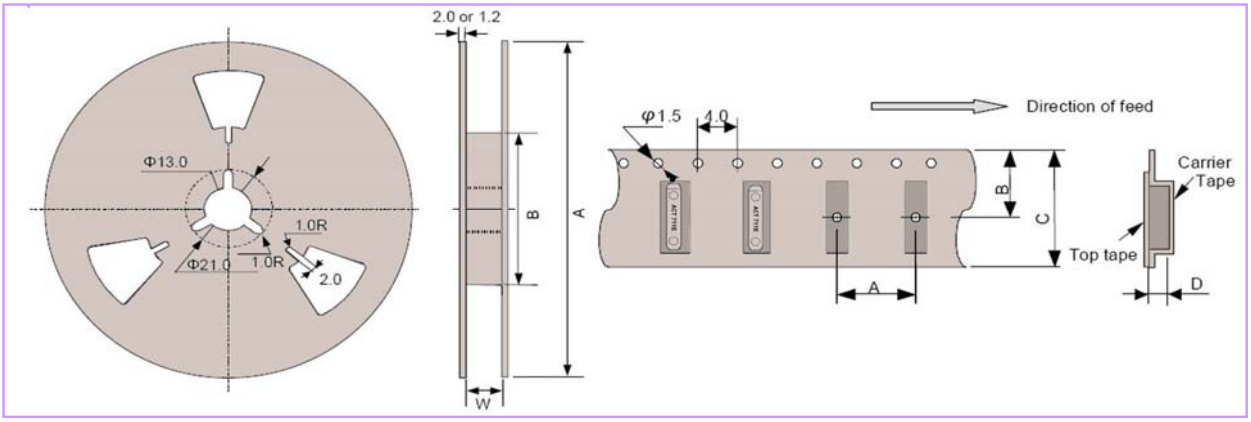
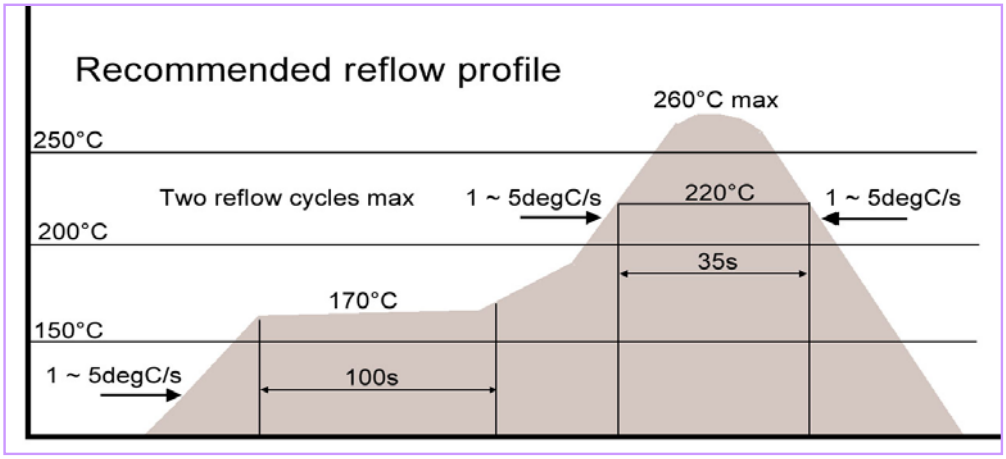


Fig 1).

Pad Plating Material Sn orSnBi



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