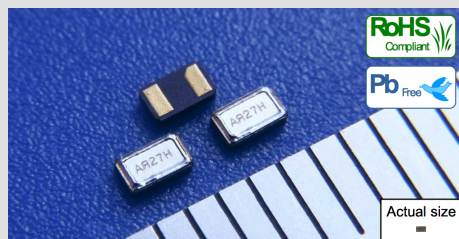
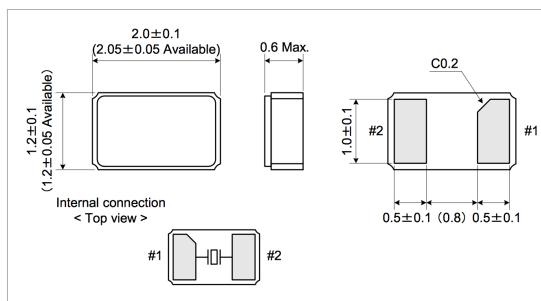


Quarz SMD2012-C2

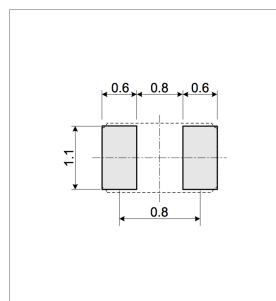


quarzwerk Part Number:	14-0008
Manufacturer:	RIVER ELETEC CORPORATION
Series:	SMD2012-C2
Type:	TXF-03
Dimension (mm):	3.2 x 1.5 x 0.60
Frequency:	32.768 kHz
Mode:	XY-Cut (Tuning Fork)
Load Capacity CL:	9.0 pF
Frequency Tolerance at +25°C:	±20ppm
Frequency Tolerance over Temperature:	TC = $-(0.03 \pm 0.01) \times 10^{-6}$
Operating Temperature:	-40°C to +85°C
Storage Temperature:	-55°C to +125°C
Equivalent Series Resistance (ESR):	90k Ohm max.
Drive Level:	0.5 µW max.
Aging:	Fist year ±3 ppm max.
Motional Capacitance:	6.5 pF Typical
Package Unit:	3000pcs/reel

Dimension (mm)



Land Dimension (mm)



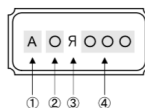
Marking (Production Code)

(1)	Nominal Frequency (A: 32.768 kHz)
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(2)	12.5pF	9.0pF	7.0pF	Other
	A	B	C	Z

(3)	Manufacturer's name:	Я
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(4)	a.	Last digit of year
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b.	Month:	Jan.	Feb.	Mar.		May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
		1	2	3	4	5	6	7	8	9	X	Y	Z

c.	Day	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	13th	14th	15th	16th
		1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	G
		17th	18th	19th	20th	21st	22nd	23rd	24th	25th	26th	27th	28th	29th	30th	31st	
		H	J	K	L	M	N	P	Q	R	S	T	U	V	W	X	