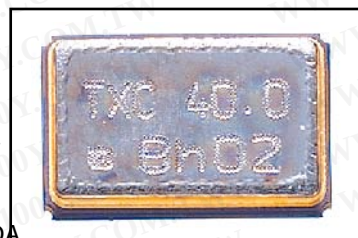


Features

- Seam sealed crystal units.
- Ultra small SMD type crystal units.
- High precision characteristic covering up to high frequency range.
- Higher frequency stability and reliability.
- Excellent for reducing EMI effective.
- The best choice for Bluetooth, Wireless communication set, DSC, PDA.
- Lead-free parts.



Electrical Specifications

Item	Type	7B / 5032	7B / 5032T
Frequency Range		12 ~ 100MHz	12 ~ 100MHz
Frequency Tolerance (at 25 oC)		± 30 ppm or specify	± 10 ppm
Frequency Stability Over Operating Temperature Range		± 30 ppm or specify	± 10 ppm
Operating Temperature Range		-10 ~ +70oC or specify	-40 ~ +85oC or specify
Shunt Capacitance (C0)		5pF Max. (2.0pF Typical)	5pF Max. (2.0pF Typical)
Driver Level		1 ~ 200 uW (10 uW typical)	1 ~ 100 uW (10 uW typical)
Load Capacitance		10pF, 16pF, 20pF or specify	6pF, 9pF, 10pF, 12pF, 16pF
Aging		± 3ppm per year Max.	± 1ppm per year Max.
Storage Temperature Range		-55 ~ +125oC	-55 ~ +125oC

Equivalent Series Resistance (ESR)

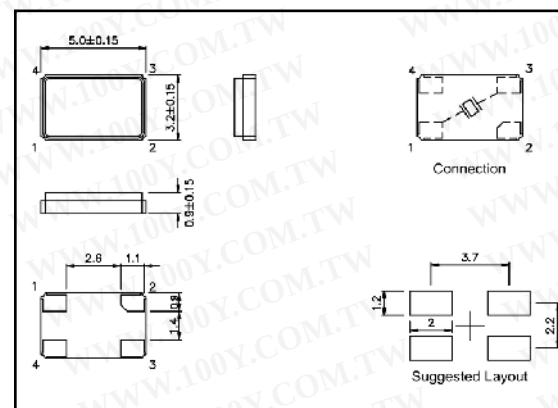
Fundamental		3rd Overtone	
8 ~ 10Mhz	60 ohms max	40 ~ 60Mhz	120 ohms max
10 ~ 48Mhz	40 ohms max	60 ~ 80Mhz	80 ohms max

Standard Frequency (Mhz)

Fundamental	11.2896	12	13	14	14.318	14.7456
	15.36	16	16.384	18.432	19.2	19.5
	19.68	19.8	20.48	21.25	22	24
	24.576	25	26	26.59	27	29.498
	30	32	36	40	44	48
3rd Overtone	40	44	48	80	100	

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 勝特力电子(上海) 86-21-54151736
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

Dimensions



Reflow Condition

