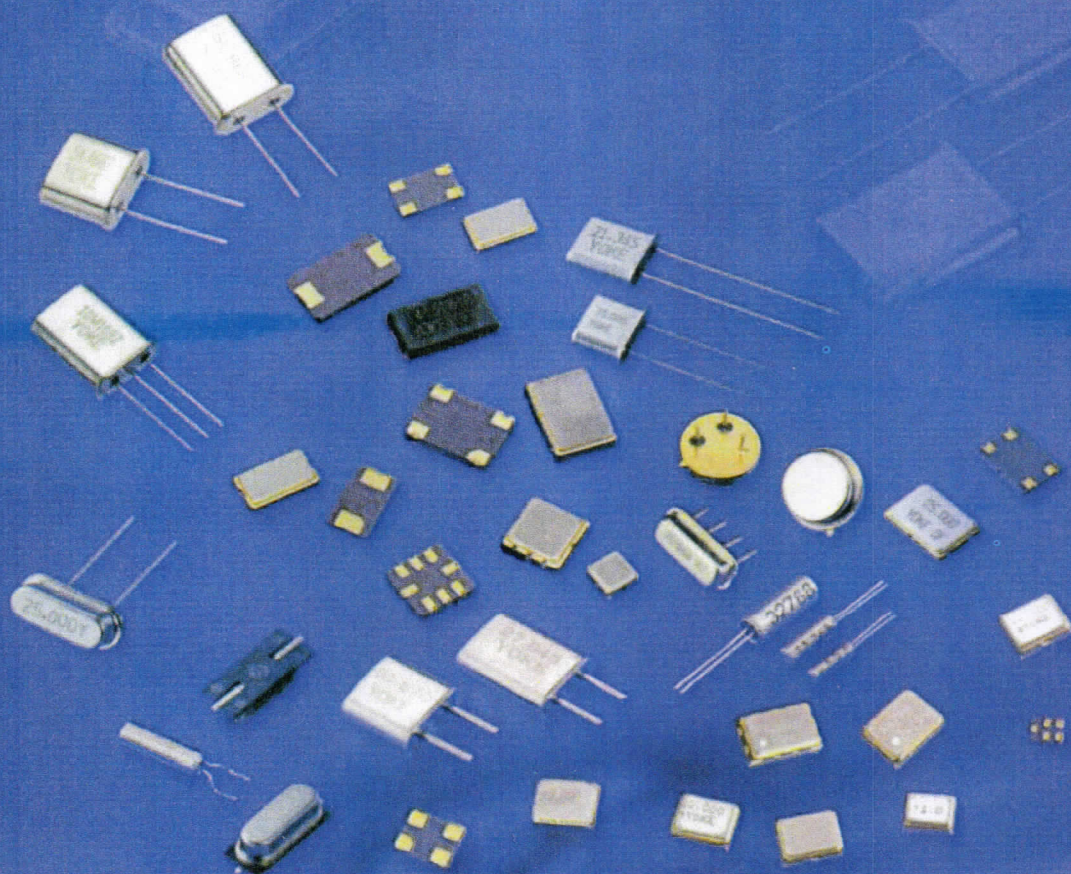




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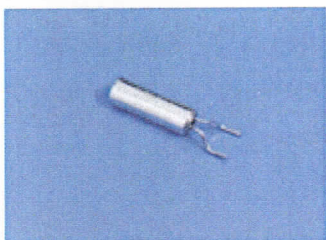
- |                                 |                          |                         |
|---------------------------------|--------------------------|-------------------------|
| ■ Dip type Crystal              | ■ Dip Crystal filter     | ■ SMD ceramic resonator |
| ■ SMD 32.768khz crystal         | ■ SMD Crystal filter     | ■ Ceramic filter        |
| ■ SMD type Crystal (Seam type)  | ■ Dip Crystal Oscillator | ■ Ceramic Discriminator |
| ■ SMD type Crystal (Glass type) | ■ SMD Oscillator         | ■ SAW Device            |
| ■ SMD type Crystal (RW type)    | ■ Dip ceramic resonator  |                         |



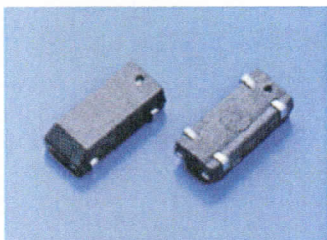
友桂電子股份有限公司  
YOKETAN CORPORATION



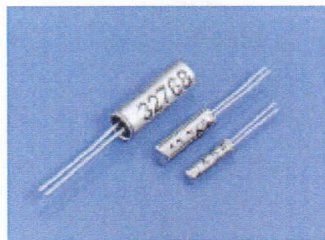
● KHz Series ( AT14 . AT26 . AT38 . HMR200 . ZM200 . S3215 . S2012 )



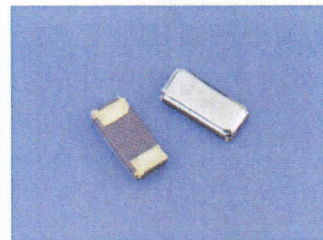
HMR200



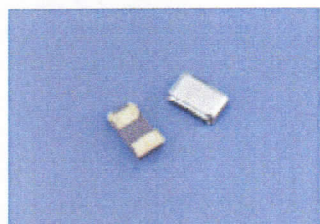
ZM200



AT38 . AT26 . AT14



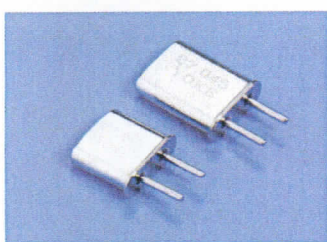
S3215



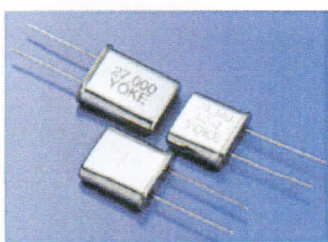
S2012

Type	HMR200	ZM200	S3215
Frequency		32.768KHz	
Tolerance (at 25°C )		+/-20ppm	
Load Capacitance		12.5pF(standard)	
Operating Temperature		-40~85°C	

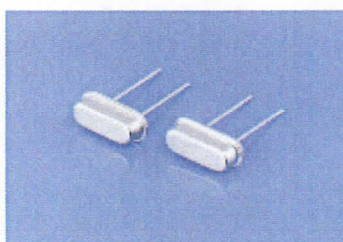
● Dip Series ( 50U/50T/50T3 . 49U/49T/49T3 . 49S . UM1/UM-5(Φ0.45 available) )



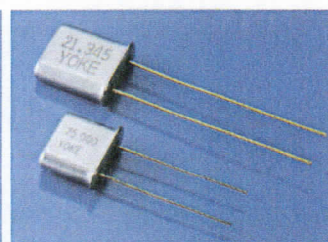
50U/50T/50T3



49U/49T/49T3



49S

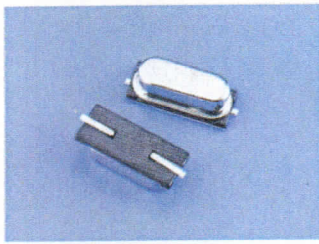


UM-1/UM-5  
(Φ0.45available)

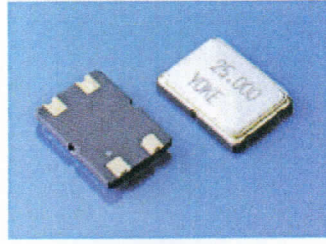
Type	50U/50T/50T3	49U/49T/49T3	49S	UM-1/UM-5 (Φ0.45available)
Frequency Range	6.0~80.0MHz	1.8~176.0MHz	3.0~150.0MHz	8.0~200.0 MHz
Tolerance (at 25°C)		+/-30ppm or specify		
Stability over		+/-30ppm(-10~60°C)		
Operating Temperature		or specify		
Load Capacitance		18pF , 20pF or specify		



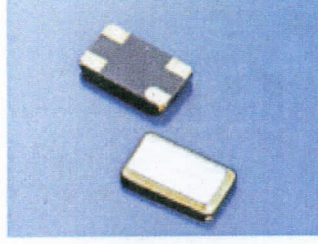
● SMD Series ( 49SMD, S7050A, S6035A, S5032A/B, S3225A, S2520A, S2016A )



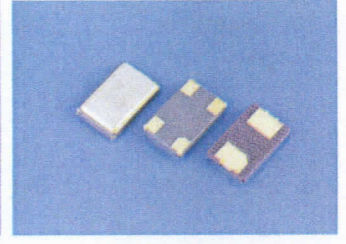
49SMD



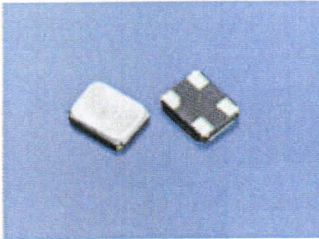
S7050A



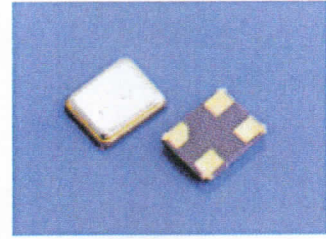
S6035A



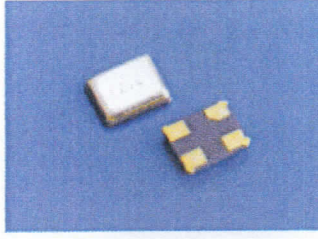
S5032A/B



S3225A



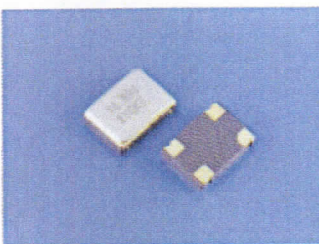
S2520A



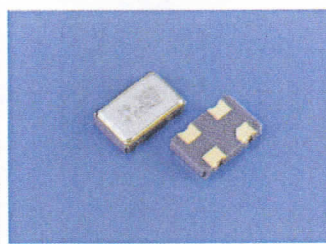
S2016A

Type	49SMD	S7050A	S6035A	S5032A/B	S3225A	S2520A	S2016A
Frequency Range	3.0~ 150MHz	6.0~ 70MHz	7.0~ 100MHz	8.0~ 125MHz	10.0~ 156.25MHz	12.0~ 80MHz	20.0~ 80MHz
Tolerance (at 25°C)	+/-30ppm or specify						
Stability over Operating Temperature	+/-30ppm (-10~60°C) or specify						
Load Capacitance	18pF , 20pF or specify						

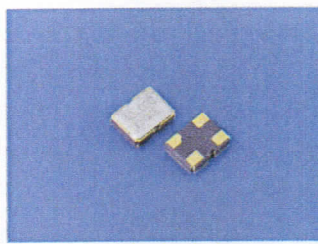
● Oscillator Series ( SO7050 , SO5032 , SO3225 , SO2520 )



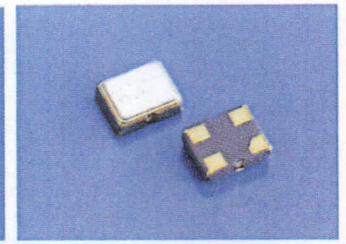
SO7050



SO5032



SO3225

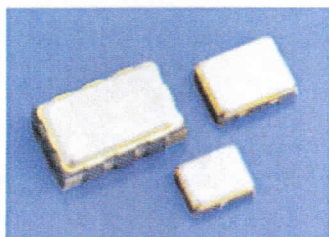


SO2520

Type	SO7050	SO5032	SO3225	SO2520
Frequency Range	1.0~156.25MHz	1.0~156.25 MHz	2.0~156.25 MHz	2.0~60.0MHz
Supply Voltage	1.8V to 5V			
Stability	+/-50ppm, +/-25ppm or specify			
Operating Temperature	-0~70°C or specify			



(VC)TCXO SMD Series ( ST5032 , ST3225 , ST2520 , SVT5032 , SVT3225 , SVT2520 )



TCXO

Spec no.	Center Frequency	Supply Voltage(V)	Load	Frequency Stability
ST5032N-012000-30-25A	12.000 MHz	3.0V	10KΩ//10pF	+/-2.5ppm (-30~+85°C)
ST5032N-012800-33-25A	12.800 MHz	3.3V	10KΩ//10pF	+/-2.5ppm (-20~+70°C)
ST5032N-016367-27-25A	16.3676 MHz	2.7V	10KΩ//10pF	+/-2.5ppm (-30~+85°C)
ST3225N-016367-27-05B	16.3676 MHz	2.7V	10KΩ//10pF	+/-0.5ppm (-30~+85°C)
ST3225N-016367-27-05A	16.367667 MHz	2.7V	10KΩ//10pF	+/-0.5ppm (-30~+85°C)
ST3225N-016368-27-05A	16.368 MHz	2.7V	10KΩ//10pF	+/-0.5ppm (-30~+85°C)
ST5032N-016369-30-25A	16.369 MHz	3.0V	10KΩ//10pF	+/-2.5ppm (-30~+85°C)
ST3225N-016369-30-05A	16.369 MHz	3.0V	10KΩ//10pF	+/-0.5ppm (-30~+85°C)
ST3225N-016800-33-05A	16.800 MHz	3.3V	10KΩ//10pF	+/-0.5ppm (-30~+85°C)
ST5032N-018414-30-25A	18.4140 MHz	3.0V	10KΩ//10pF	+/-2.5ppm (-30~+85°C)
ST5032N-020000-30-25A	20.000 MHz	3.0V	10KΩ//10pF	+/-2.5ppm (-30~+85°C)
ST3225N-024000-33-25A	24.000 MHz	3.3V	10KΩ//10pF	+/-2.5ppm (-30~+75°C)
ST5032N-024553-28-25A	24.5535 MHz	2.8V	10KΩ//10pF	+/-2.5ppm (-30~+85°C)
ST3225N-024553-30-05A	24.5535 MHz	3.0V	10KΩ//10pF	+/-0.5ppm (-30~+85°C)
ST3225N-038400-33-25A	38.400 MHz	3.3V	10KΩ//10pF	+/-2.5ppm (-30~+85°C)
ST3225N-040000-30-25A	40.000 MHz	3.0V	10KΩ//10pF	+/-2.5ppm (-20~+75°C)

VCTCXO

Spec no.	Center Frequency	Supply Voltage(V)	Load	Frequency Stability
SVT5032N-012800-28-20A	12.800 MHz	2.8V	10KΩ//10pF	+/-2.0ppm (-30~+85°C)
SVT3225N-016000-30-15A	16.000 MHz	3.0V	10KΩ//10pF	+/-1.5ppm (-30~+85°C)
SVT5032T-019200-33-25A	19.200 MHz	3.3V	10KΩ//10pF	+/-2.5ppm (-30~+80°C)
SVT3225N-019200-27-25A	19.200 MHz	2.7V	10KΩ//10pF	+/-2.5ppm (-20~+70°C)
SVT2520N-019200-28-25A	19.200 MHz	2.8V	10KΩ//10pF	+/-2.5ppm (-30~+75°C)
SVT5032T-026000-28-25A	26.000 MHz	2.8V	10KΩ//10pF	+/-2.5ppm (-20~+75°C)
SVT3225T-026000-24-25A	26.000 MHz	2.4V	10KΩ//10pF	+/-2.5ppm (-30~+75°C)
SVT3225N-026000-28-25B	26.000 MHz	2.8V	10KΩ//10pF	+/-2.5ppm (-30~+75°C)
SVT2520N-026000-28-25A	26.000 MHz	2.8V	10KΩ//10pF	+/-2.5ppm (-30~+75°C)
SVT3225N-038400-33-25A	38.400 MHz	3.3V	10KΩ//10pF	+/-2.5ppm (-30~+75°C)
SVT3225N-040000-30-25A	40.000 MHz	3.0V	10KΩ//10pF	+/-2.5ppm (-30~+75°C)





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