



## SMD CRYSTAL OSCILLATOR

## 3.2\*2.5 OSC

- . Very corthpact and thin(3.2\*2.5\*1.2mm MAX)
- . Frequency range of 1M~125M
- . Tri-State Enable/Disable, TTL/HCMDS Compatible, Networking and base station applications

No.	Item	Symb.	Electrical Specification				Remark
			Min.	Type	Max.	Units	
1	Nominal Frequency	F <sub>0</sub>	1~125			MHz	
2	Frequency Stability		±25PPM/±50PPM/±100PPM				All condition*
3	Operating Temperature Range	TOPR	-20~70°C/-40+85°C				
4	Storage Temperature	TSTG	-55~125°C				
5	Power supply Voltage	V <sub>DD</sub>	1.8V/2.8V/3.3V/5.0V				
6	Aging Per Year	F <sub>a</sub>	±2PPM				First Year
7	Supply current	I <sub>c</sub>	40mA MAX				
8	Output symmetry	Sym	40%/60%				
9	Rise time	T <sub>r</sub>	5		ns	10%-90%V <sub>DD</sub>	
10	Fall time	T <sub>f</sub>	5		ns	90%-10%V <sub>DD</sub>	
11	Output voltage	V <sub>OH</sub>	90%			V <sub>DD</sub>	
		V <sub>OL</sub>			10%	V <sub>DD</sub>	
12	Output load HCMDS LOAD		15			PF	
13	Start up time		10			mS	
14	Pin 1, tri-state function	pin 1=H or open.....output active at pin 3 pin 1=L.....high impedance at pin 3					
15	Package type	SMD3.2*2.5					

