



SMD CRYSTAL OSCILLATOR

3.2*2.5 OSC

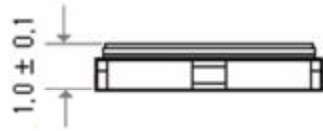
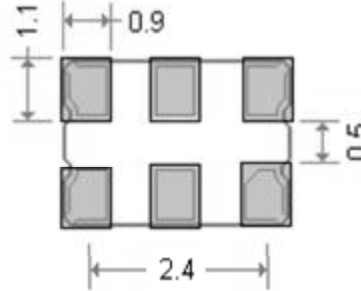
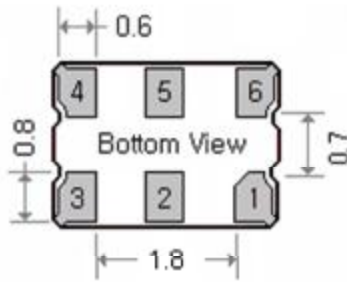
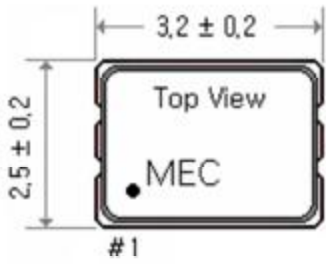
- . Very corthpact and thin(3.2*2.5*1.2mm MAX)
- . Frequency range of 25M~156.250M
- . Tri-State Enable/Disable, LV-PECL Ouput
- . Ideal for Fiber-optic communication applications, FTTH and SONET/SDH applications, Sever, FCHBA, Fibre Channel, Gigabit Ethernet, and Serial ATA

No.	Item	Symb.	Electrical Specification				Remark
			Min.	Type	Max.	Units	
1	Nominal Frequency	F0	25~156.250			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	VDD	2.5V/3.3V				
6	Aging Per Year	Fa	±5PPM			First Year	
7	Supply current	Ic	90mA MAX				
8	Output symmetry	Sym	40		60	%	
9	Rise time	Tr	1			ns	20%~80%VDD
10	Fall time	Tf	1			ns	80%~20%VDD
11	Output voltage	VOH	90%			VDD	
		VOL			10%	VDD	
12	Output load HCMDS LOAD					PF	
13	Start up time		10			mS	
14	Pin 1, tri-state function	pin 1=H or open.....output active at pin 4,5 pin 1=L.....high impedance at pin 4,5					
15	Package type	SMD3.2*2.5					



CRYSTAL OSC SMD 3.2*2.5 LV-PECL DIMENSION

PACKAGE DIMENSIONS: Unit: mm



- Pad Connections :
- Pad 1 : Tri - state
 - Pad 2 : No connection
 - Pad 3 : Ground
 - Pad 4 : Output
 - Pad 5 : Complimentary output
 - Pad 6 : Supply voltage

Suggested Land Pattern