

◆ Features

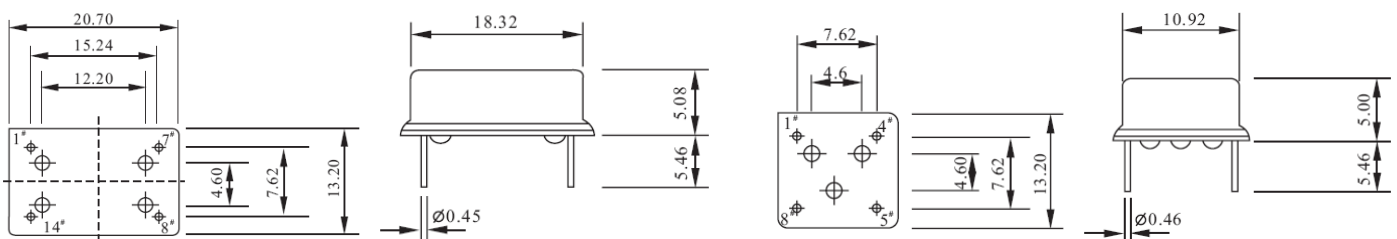
- Wide Frequency Range
- Low power
- Tri-state output option
- Hermetically sealed metal package



◆ Electrical Specifications

Output	TTL	HCMOS	TTL/HCMOS
Frequency Range	1.000~160MHz	1.000~80MHz	1.000~160MHz
Frequency Reliability	± 25ppm, ± 50ppm, ± 100ppm		
Operating Temp Range	0~+70°C	-20~+70°C	-40~+85°C
Storage Temp Range	-40~+85°C	-55~+125°C	
Input Voltage	5.0±0.5V 3.0±0.3V		
Max Input Current	30mA (1.0~23.99MHz) 40mA (24~49.99MHz) 60mA (50~140MHz)	20mA (0.5~23.99MHz) 40mA (24~80MHz)	20mA (1.0~23.99MHz) 40mA (24~80MHz)
Rate	5.0±10% (1.4V)	5.0±10% (1/2V _{DD})	5.0±10% (1/2V _{DD})
Time Rise & Fall	15Ns (1.0~8.99MHz) 10Ns (9~31.99MHz)	10Ns (0.1~23.99MHz) 6Ns (24~80MHz)	10Ns (1.0~23.99MHz) 6Ns (24~80MHz)
Lower Potentiometer	0.4V (1.0~31.99MHz) 0.5V (32~140MHz)	0.5V (10% V _{DD}) max	0.5V (10% V _{DD}) max
Higher Potentiometer	2.4V	4.5V (90% V _{DD}) min	4.5V (90% V _{DD}) min
Output Resistance	1~10TTL	CL=15pF	CL=15pF or 1~10TTL

◆ Mechanical Dimensions (mm)



◆ Part Number Information

FLT-H- 32.768M - 3.3 - 50 - H/T - T1

Type	Frequency	Voltage	Stability	Output	Operating Temp
H:8Pin	32.768M:32.768	3.3: 3.3V	over Temp	T:TTL	blank=-20~+70°C
F:14Pin	MHz	5: 5.0V	50: ±50ppm	H:HCMOS	T1=-10~+60°C
				T/H:TTL/HMOS	T2=-40~+85°C

Note: All specifications subject to change without notice.