

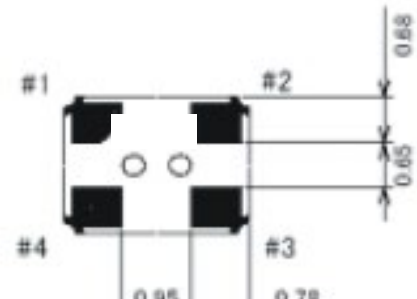
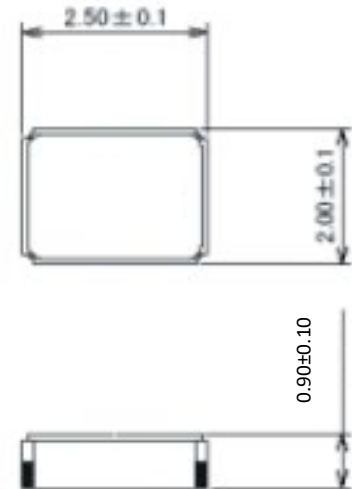
Features

- SMD Crystal CMOS Oscillator
- Stability: ± 50 ppm
- Operating Temperature -20°C to $+70^{\circ}\text{C}$

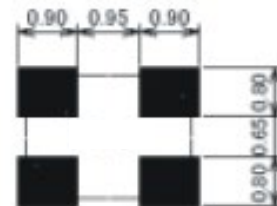
STANDARD SPECIFICATIONS

PARAMETERS	MAX (Unless otherwise noted)
Frequency Range	24.000 MHz
Input Voltage (V_{DD})	1.8V DC (1.62V to 1.92V)
Overall Stability	± 50 ppm
Operating Temp. Range	-20°C to $+70^{\circ}\text{C}$
Storage Temperature Range	-55°C + 125°C
Input Current	3.50mA
Symmetry (%)	45/55
Output Load	15 pF
Output Waveform	CMOS
Rise Fall Time (ns)	5.00ns
Startup Time (ms)	2.00ms
Enable Disable Function	Tri-State
Aging (First Year)	± 3 ppm per Year

DIMENSIONS / MECHANICAL SPECIFICATIONS



Recommended Solder Pad Layout

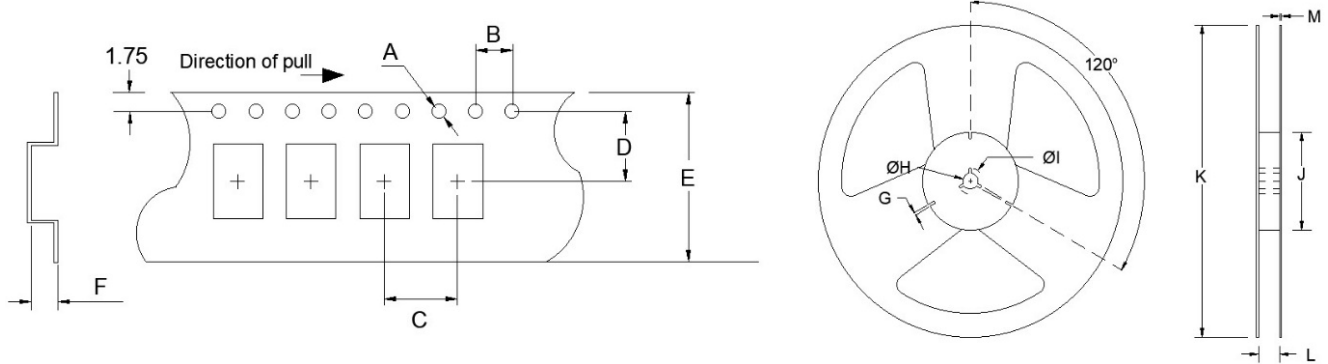


Dimensions are in mm

Enable/Disable Function	
INH (Pin #1)	Output (Pin #3)
Open	Active
"1" ($V_{IH} \geq 0.8V_{DD}$)	Active
"0" ($V_{IH} \leq 0.2V_{DD}$)	High Z

Terminal	Connection
#1	INH
#2	GND
#3	OUTPUT
#4	$+V_{DD}$

TAPE SPECIFICATIONS (mm)							REEL SPECIFICATIONS (mm)						
A	B	C	D	E	F	REEL QTY	G	H	I	J	K	L	M
ø1.5	4.0	4.0	3.5	8.0	0.65	3000	2.0	ø13	ø21	ø60.5	178	8.0	2.0



RELIABILITY TEST CONDITIONS
Please contact Abracon Quality Assurance department