

Crystal Oscillator

FAIRPLY ENTERPRISES INC.

K.C.C Crystal Oscillator (SO-75 Series)



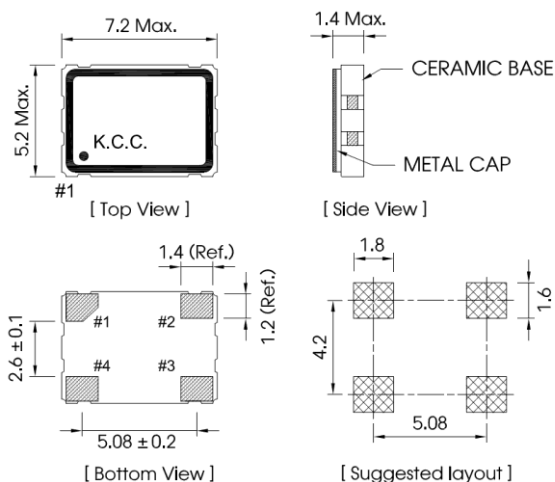
Features & Applications

- 7.0x5.0x1.4mm Size
- Ceramic Package
- CMOS Output
- Low Power Consumption
- RoHS Compliant.

General Specifications

Parameter	SO-75 Series			
	SO-751	SO-753	SO-755	SO-75W
Input Voltage	+1.8V ± 5%	+3.3V ± 10%	+5.0V ± 10%	+1.62~3.63V
Frequency Range	0.5 ~156.0 MHz	0.5~156.0 MHz	0.5 ~100.0 MHz	5 ~40.0 MHz
Frequency Stability	A:±25, B: ±50, C: ±30, D: ±20 ppm			
Operating Temperature Range	-10 to +70°C ; -40 to +85°C			
Storage Temperature Range	-55 to +125°C			
Input Current	0.5~9.99MHz	5	7	10
	10~19.99MHz	6	7	15
	20~31.99MHz	6	12	25
	32~49.99MHz	15	20	35
	50~79.99MHz	15	25	50
	80~99.99MHz	20	30	60
100~156.0MHz	25	40	80	40
Output Logic High " 1 "	90% VDD			
Output Logic Low " 0 "	10% VDD			
Output Symmetry	40% to 60% (at 50%VDD)			
Rise and Fall Time	0.5~31.99MHz	5	10	10
	32~49.99MHz	5	10	6
	50~79.99MHz	4	8	5
	80~99.99MHz	3	5	5
	100~156.0MHz	3	4	4
Output Load	15pF typical			
Start-Up Time	10ms (Max)			
Aging Rate	±5ppm / Year Max.			

Outline and Dimensions [Unit: mm]



Enable/Disable Function

E/D (#1)	Output (#3)
HIGH (Open)	Operating
LOW	High impedance

Order Part No.:

Product name: **Q 25.000M 75 3 A - G T Z**

① ② ③④⑤ ⑥⑦⑧

- ① KCC Oscillator
- ② Frequency
- ③ Size Type : SO-75=7.2x5.2x1.4mm
- ④ Input Voltage : 3=3.3V
- ⑤ Frequency Stability : A=±25ppm
- ⑥ RoHS Compliant
- ⑦ Operating temperature : T= -40°C to +85°C
- ⑧ Internal identification code

FAIRPLY
ENTERPRISES INC

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