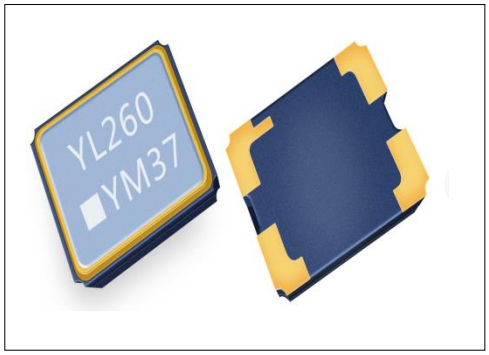
SMD SEAM SEALING OSCILLATOR 2.0×1.6×0.9mm

9C Series



■ Features

- Small SMD seam sealed clock crystal oscillator units.
- Designed for automatic mounting and refl ow soldering.
-Tri-State function available.
- Supply voltage range : 1.8 V ~ 3.3 V.
- High stability, low jitter, low power consumption.

■ Applications

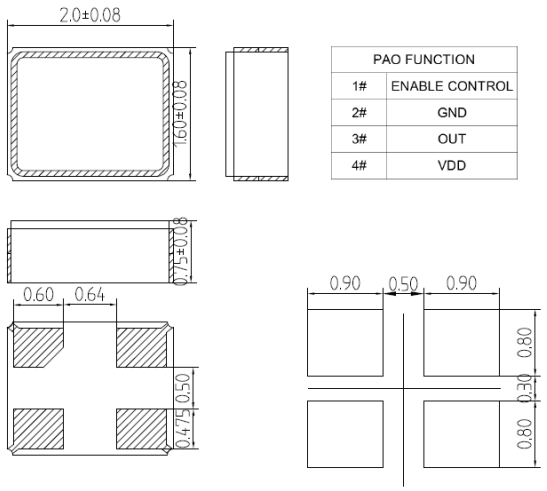
Digital Electronics, Consumer Products, Mobile Communications,

and Automotive

■ Specifications

Output Type	CMOS	
Supply Voltage	1.8 V	2.5 V , 2.8 V , 3.3 V
Frequency range	1～60 MHz	
Oscillation Mode	Fundamental	
Frequency Stability	± 25 ppm , ± 50 ppm	
Operating Temperature Range	-10 ~ + 70 ℃ , - 40 ~ + 85 ℃	
Storage Temperature Range	- 55 ~ + 125 ℃	
Voltage Vol (Max.) / Voh (Min.)	0.1 VDD / 0.9 VDD	
Rise (Tr) / Fall (Tf) Time	8 ns Max.	
Supply Current	20 mA Max.	
Symmetry	40 ~ 55 % , 40 ~ 60 %	
Start-up Time	5 ms Max.	
Phase Jitter (12 KHz ~ 20 MHz)	1 ps Max.	
Aging (at 25 ℃)	± 3 ppm / year Max.	

■ Dimensions & Land pattern (unit: mm)



PAO FUNCTION	
1#	ENABLE CONTROL
2#	GND
3#	OUT
4#	VDD

Tel: 0086-769-38879888 Fax:0086-769-38879889
E-mail: ylbao@dgylec.com Website: www.dgylec.com
Address: No. 36 JiTiGang, Donghuan Road, Huangjiang Town, Dongguan City, Guangdong Province, China