

Customer Code : _____

DATASHEET

DAPU P/N : 157.2864MHz-sine-001

Customer P/N: _____

DAPU			Customer Approval
Drew	Audited	Approved	Stamp, please! Thanks!
Date: 2022.11.07			

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Table of amendment

Version	Revision contents	Prepared by	Revised date
1.0	The first issued	<i>Amway</i>	2022.11.07

DAPU Confidential

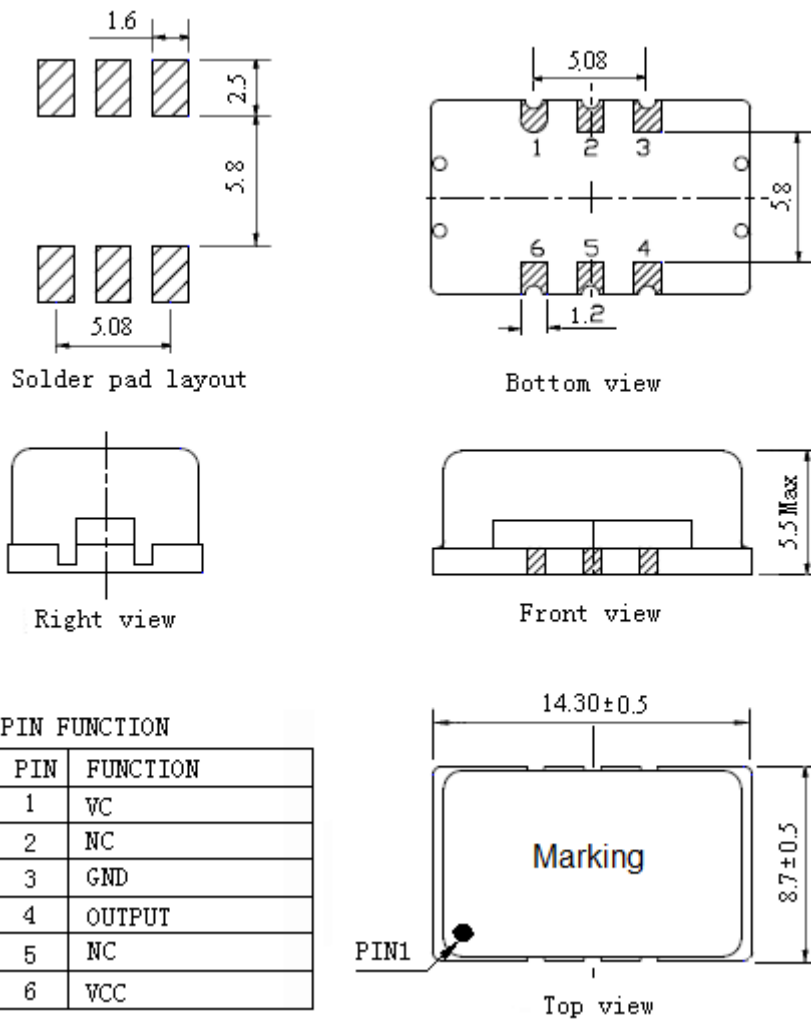
**1、 Electrical Parameters**

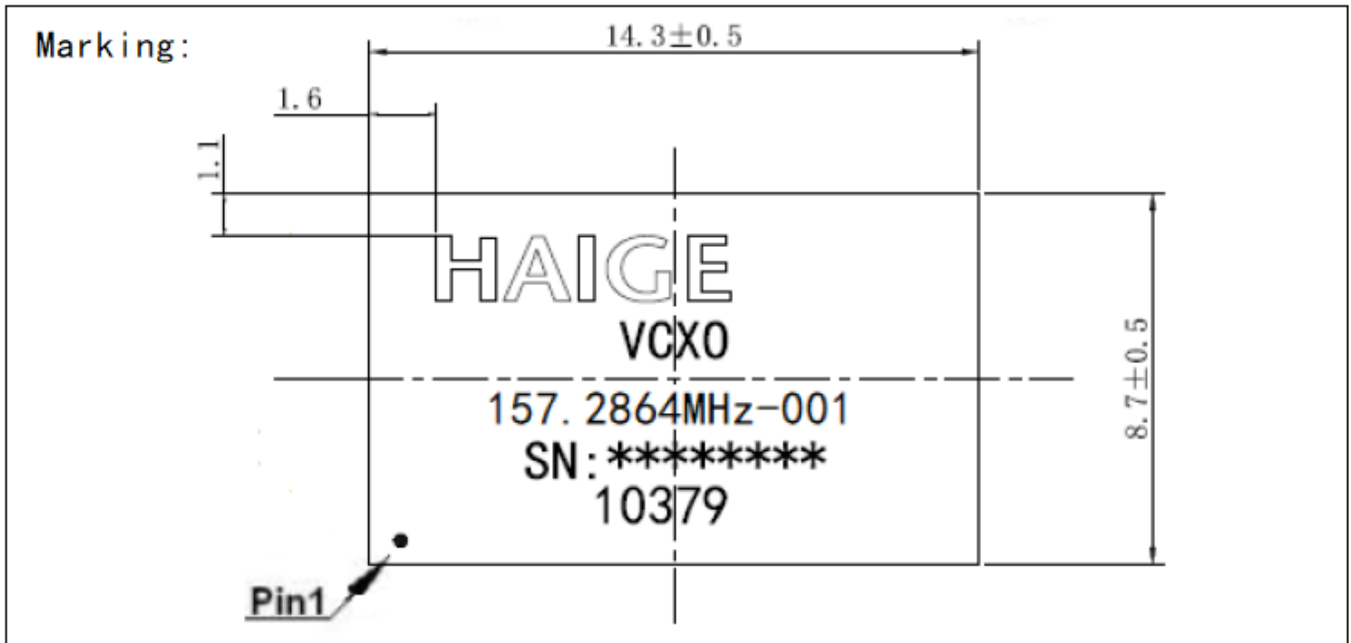
Parameters	SYM	Electrical Spec.				Notes
		Min.	Typ.	Max.	Units	
Frequency Stabilities						
Nominal Frequency	F _N	157.2864			MHz	
Stability vs.temperature		±20			× 10 ⁻⁶	
Output Waveform		Sinewave				
Load	I _{OUT}	50			Ohms	
Level		6			dBm	
Start-up Time	T _S			5	ms	
Aging		-3		+3	× 10 ⁻⁶	@ 1st year
		-1		+1	× 10 ⁻⁶	After first year
Supply Voltage						
Supply Voltage	V _{CC}	4.5	5.0	5.5	V	
Supply Current				40	mA	
Control Voltage						
Control Voltage Rang	V _C	0	1.5	3.0	V	V _C =1.5V
Absolute pulling range	APR	±50			× 10 ⁻⁶	
Linearity		10		10	%	
Slope		Positive				
Jitter RMS				40	fs	12kHz ~20MHz
Phase Noise				-70	dBc/Hz	10Hz
				-105		100Hz
				-135		1KHz
				-140		10KHz
				-150		100KHz
				-155		1MHz



Environmental Conditions						
Operating Temperature	T _{OP}	-40	~	85	°C	
Storage Temperature	T _{ST}	-45	~	90	°C	
Shock	MIL-STD-202F method 213B, test condition: E, 1000G half-Sine wave.					
Vibration	14G, 50 to 2000Hz					
Humidity	85%RH +85°C for 48hours					
Fine leak	MIL-STD-883 method 1014, condition A/MIL-STD-883 Method 1014, contition C.					
Resistance to solvent	MIL-STD-202F method 215					
Temperature cycling	MIL-STD-883 method 1010					
Reflow	+260°C for 10S,2X					

2、 Mechanical Structure(mm)





印字标识要求:

- 1) 文字标识采用激光刻制，除首行外，其余字高均为 0.9mm，字体为黑体，以居中对称美观为原则；
- 2) 首行“HAIGE”按提供的“logo.cdr”文件制作，字高为 1.5mm，无颜色要求；
- 3) 第二、三行为晶振的名称型号；
- 4) 第四行为生产批次号“*****”代表年、月及序号，如 202207001，代表 2022 年 7 月份第 001 只；
- 5) 第五行为制造商代码：“10379”
- 6) 第六行“•”为压控电压（pin1）引脚位置标识。

外观要求:

不锈钢。