

Customer Code : _____

DATASHEET

DAPU P/N: **V756-D719-125.00MHz**

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DAPU			Customer Approval
Drew	Audited	Approved	Stamp, please! Thanks!
Date: 2017.10.23			

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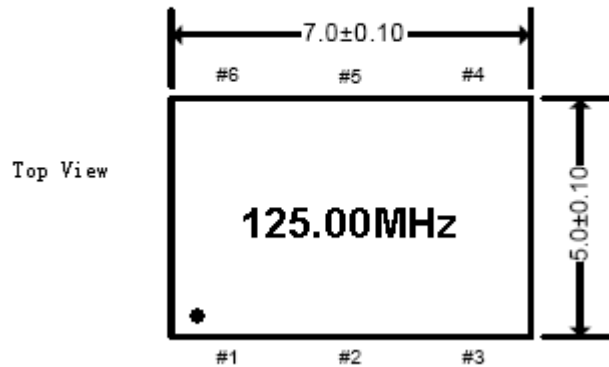
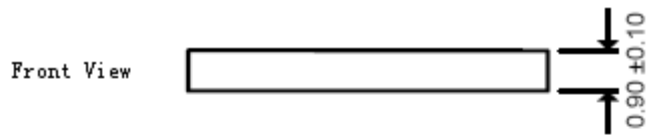
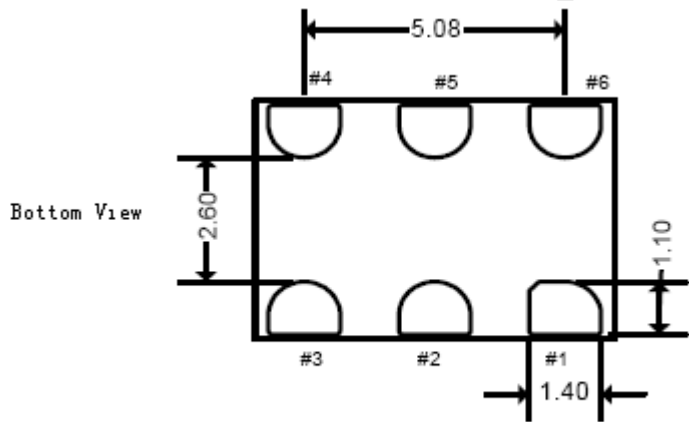
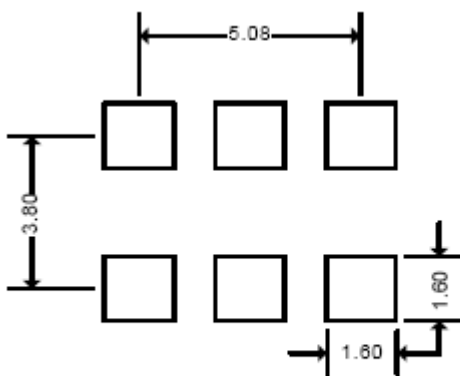
1、 Electrical Parameters

Parameters	SYM	Electrical Spec.				Notes
		Min.	Typ.	Max.	Units	
Nominal Frequency	F_N	125.00			MHz	
Frequency Stability	F_{STAB}	-20		+20	$\times 10^{-6}$	Inclusive of initial tolerance, operating temperature, rated power supply voltage, and load variations @25°C
Vs. aging /1.year		-2		+2	$\times 10^{-6}$	
Vs. aging /10 years		-5		+5	$\times 10^{-6}$	
Output Waveform		LVDS				
Load	I_{OUT}	100			Ω	
Input Voltage High	V_{OH}	0.7V _{dd}			V	
Input Voltage Low	V_{OL}			0.3V _{dd}	V	
Rise / Fall Time	T_r / T_f		495	600	ps	10%-90%
Symmetry	SYM	45	~	55	%	@50%
Start-up Time	T_S		6	10	ms	
Supply Voltage	V_{dd}	2.97	3.3	3.63	V	
Input Impedance	Z_{IN}		100	250	M Ω	Pin 1,OE logic high or logic low
Current consumption	I_{dd}		47	55	mA	Excluding Load Termination Current, V _{dd} =3.3V or 2.5V
OE Disable Supply Current	I-OE			35	mA	OE=Low
Different Output Voltage	VOD	250	350	450	mA	
Output Disable Leakage Current	I-leak			1	μ A	OE=Low
Standby Current	I-std			100	μ A	
VOD Magnitude Change	ΔVOD			50	mV	
Offset Voltage	VOS	1.125	1.2	1.375	V	
VOS Magnitude Change	ΔVOS			50	mV	
Rise/Fall Time	T_r, T_f		495	600	ps	20%-80%
OE Enable /Disable Time	T-oe			115	ns	T-oe=100ns+3period
RMS Period Jitter	T-jitt		1.2	1.7	ps	V _{dd} = 3.3V
Operating Temperature Range	T-use	-40			+85	



Environmental Conditions	
Temperature Cycle	JESD22,Method A104
Solderability	MIL-STD-883F, Method 2003
Moisture Sensitivity Level	MSL1 @260°C.
Mechanical Vibration	MIL-STD-883F,Method 2007
Mechanical Shock	MIL-STD-883F,Method 2002

2、 Mechanical Structure(mm)



PIN FUNCTION

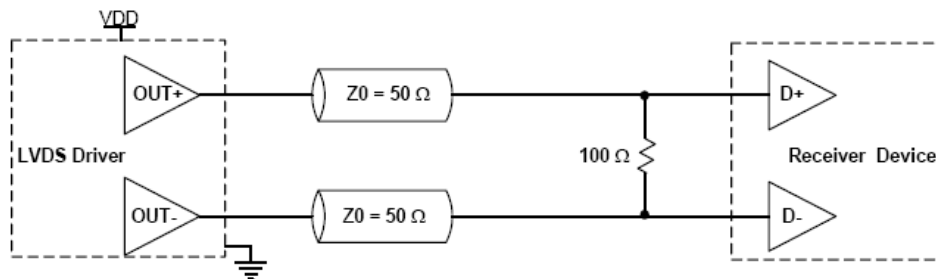
PIN	NOTATION	FUNCTION
1	OE	Input Enable
2	NC	Not Connect
3	GND	GND
4	OUTPUT	RF Output
5	$\overline{\text{OUTPUT}}$	RF Output Complementary
6	VDD	Supply Voltage

Note1: Tolerance $\pm 0.1\text{mm}$ without mark

Note2: Referential Weight 0.3g



3、 Test circuit



4、 Package: Tape & Reel (mm)

