

Customer Code : _____

DATASHEET

DAPU P/N: DPCE15625001

Plot			The Label
Drew	Audited	Approved	Stamp, please! Thanks!
Date: 2020.01.19			

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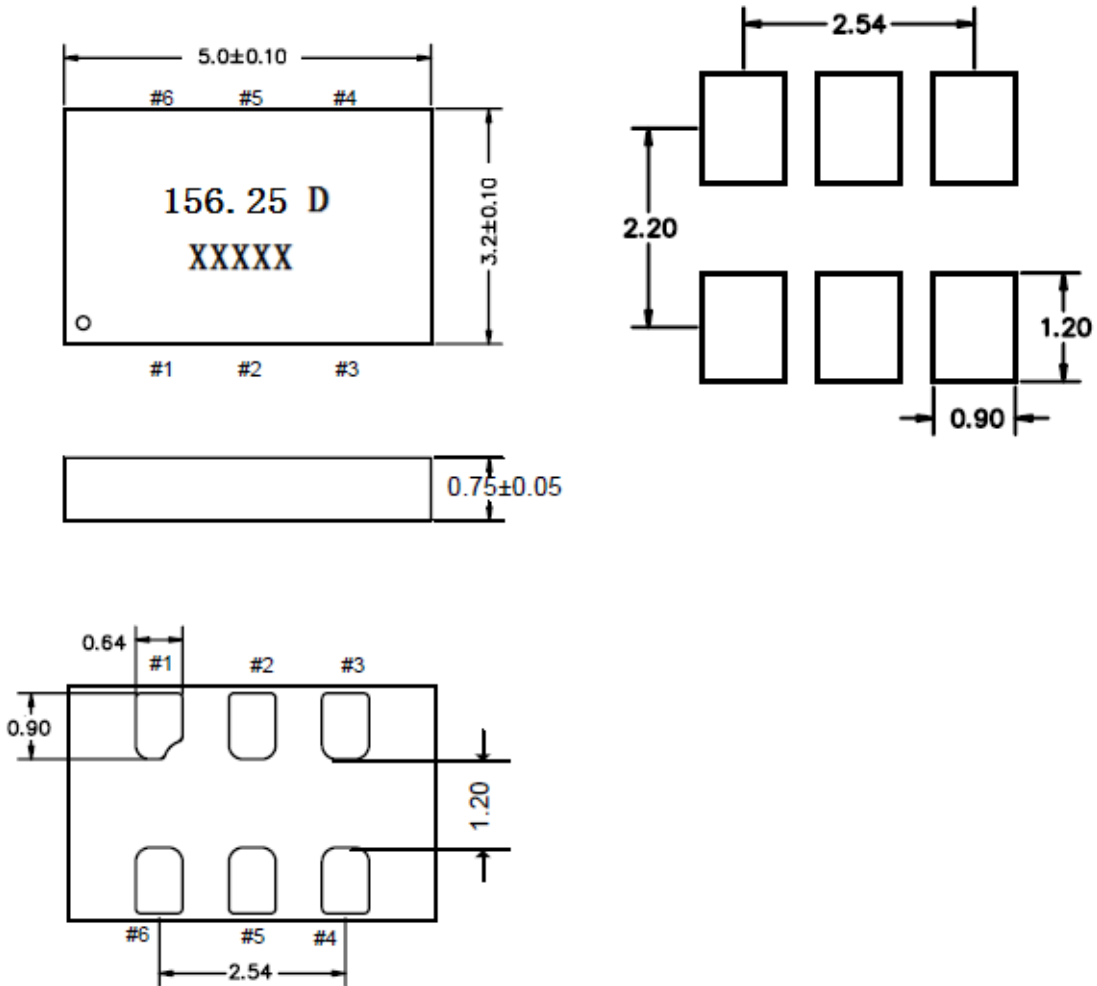


1、Electrical Parameters

MODEL: DPCE15625001							
No.	Parameters	SYM.	Electrical Spec.				Notes
			Min.	Typ.	Max.	Units	
1	Nominal Frequency	F ₀	156.25			MHz	
2	Output Waveform		LVDS				
3	Output Load		100			Ω	
4	Supply Voltage	V _{DD}	2.97	3.3	3.63	V	
5	Frequency Stability	F-stab	-25		+25	× 10 ⁻⁶	Inclusive of Initial tolerance, operating temperature, rated power supply voltage and load variations.
6	Operating Temperature	T-opr	-40	~	+85	°C	
7	Storage Temperature	T-stg	-55	~	+125	°C	
8	Current Consumption	I _{DD}	-		50	mA	
9	Stand-by Consumption	I _{std}			30	μA	
10	First Year Aging		-3		+3	× 10 ⁻⁶	@25+/-3°C
11	Duty Cycle	DC	45		55	%	50% Waveform
12	Onput Voltage High	V _{OH}			1.6	V	"1"
13	onput Voltage Low	V _{OL}	0.9			V	"0"
14	Start up Time	T _{start}	-		3	ms	
15	Jitter		-	1	3	ps	RMS
16	Mechanical Shock	MIL-STD-883F,Method 2002					
	Mechanical Vibration	MIL-STD-883F,Method 2007					
	Temperature Cycle	JESD22, Method A104					
	Solderability	MIL-STD-883F,Method 2003					
	Moisture Sensitivity Level	MSL1@260°C					



2、Mechanical Structure(mm)



Pin Description

Pin	Map		Functionality
1	OE	Input	H or Open: specified frequency output L: output is high impedance
2	NC	NA	No Connect; Leave it floating or connect to GND for better heat dissipation
3	GND	Power	VDD Power Supply Ground
4	OUT+	Output	Oscillator output
5	OUT-	Output	Complementary oscillator output
6	VDD	Power	Power supply voltage

Note1: Tolerance ± 0.2 mm without mark

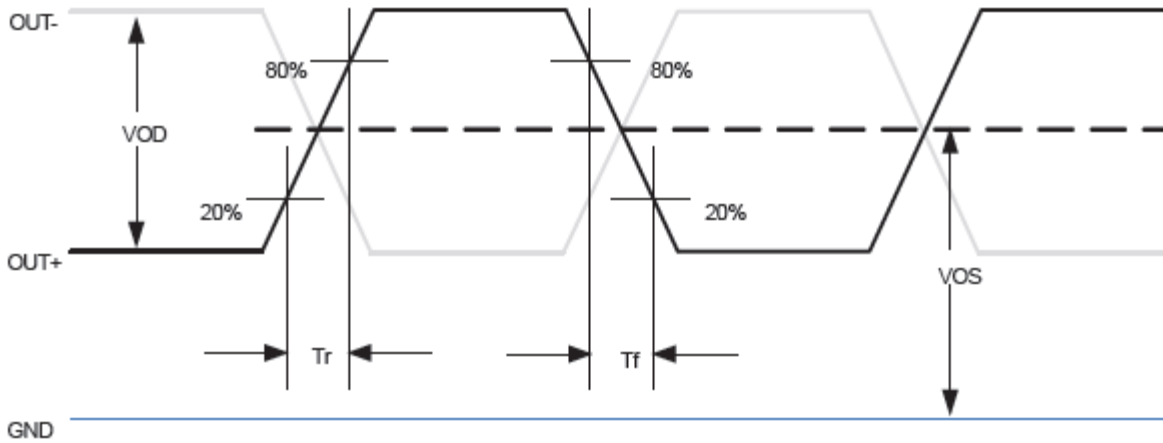
Note2: Referential weight 0.2g

Note3: D stands for output waveform: LVDS

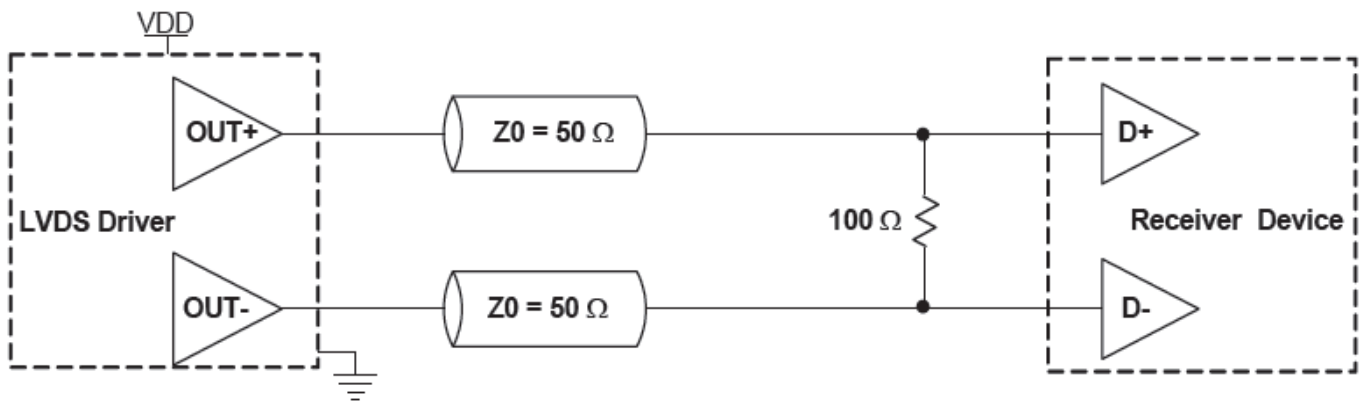
Note4: A capacitor of value 0.1μ F or higher between Vdd and GND is required



3、Waveform Diagrams



4、Termination Diagrams



5、Package: Tape & Reel (mm)

