

Customer Code : _____

DATASHEET

DAPU P/N: JDPCE1250003

Plot			The Label
Drew	Audited	Approved	
			Stamp, please! Thanks!
Date: 2023.10.19			

Guangdong Dapu Telecom Technology Co.,Ltd

Building 5, No.24, Industrial East Road, Songshanhu Park, Dongguan, Guangdong, P.R. China

TEL: 0086-0769-88010888 FAX: 0086-0769-81800098



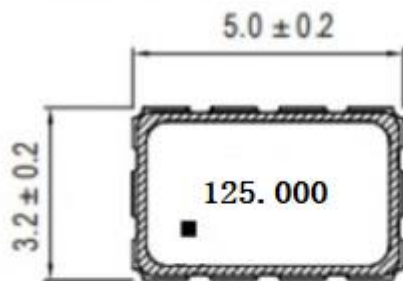
1、Electrical Parameters

MODEL: JDPCE1250003							
No.	Parameters	SYM.	Electrical Spec.				Notes
			Min.	Typ.	Max.	Units	
1	Nominal Frequency	FL	125.00			MHz	
2	Output Waveform	-	LVDS				
3	Vdd	-	-0.5		4	V	
4	Supply Voltage	-	2.97	3.3	3.63	V	
5	Initial Frequency Tolerance	-	-25	~	+25	$\times 10^{-6}$	@25°C $\pm 2^{\circ}\text{C}$
6	Frequency Tolerance vs. Operating Temperature Range	-	-50	~	+50	$\times 10^{-6}$	
7	Operating Temperature	T-opr	-55	~	+125	°C	
8	Storage Temperature	T-stg	-65	~	+150	°C	
9	Current Consumption	Idd	-	47	55	mA	Excluding load termination current, Vdd=3.3V
10	Rise/Full Time	Tr、Tf		495	700	ps	20%~80%
11	First Year Aging	-	-2		+2	$\times 10^{-6}$	@25°C
12	10 Year Aging	-	-5		+5	$\times 10^{-6}$	@25°C
13	Duty Cycle	DC	45		55	%	
14	Differential Output Voltage	VOD	250	350	450	mV	
15	Start up Time	T_start	-	6	10	ms	Measured from the time Vdd reaches its rated minimum value
16	VOD Magnitude Change	ΔVOD			50	mV	
17	Offset Voltage	VOS	1.125	1.2	1.375	V	
18	VOS Magnitude Change	ΔVOS			50	mV	
19	Moisture Sensitivity Level	MSL1					

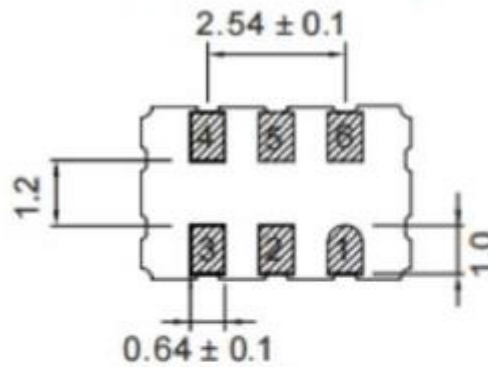


2、Mechanical Structure(mm)

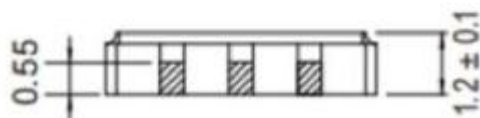
[TOP VIEW]



[BOTTOM VIEW]

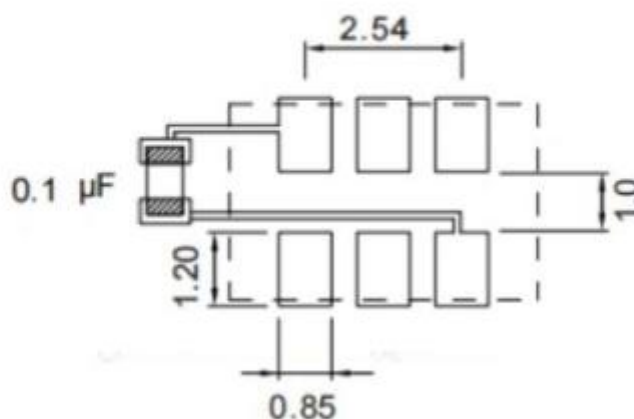


[SIDE VIEW]



Pin#	Function
1	OE
2	Nconnection
3	Ground
4	Output
5	Comp.Output
6	VDD

Solder PAD Layout



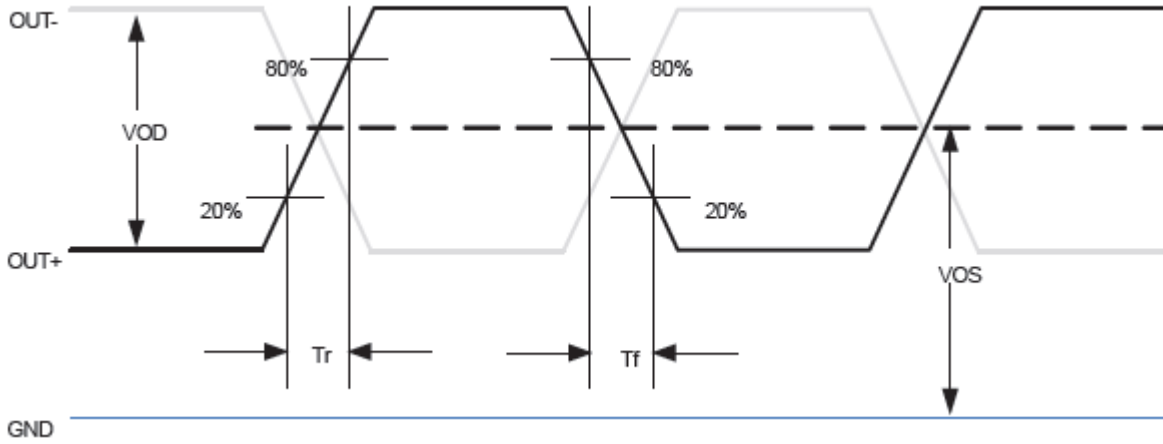
To maintain stable operation, provide a 0.01μF to 0.1μF by-pass capacitor at

Note1: Tolerance ±0.2mm without mark

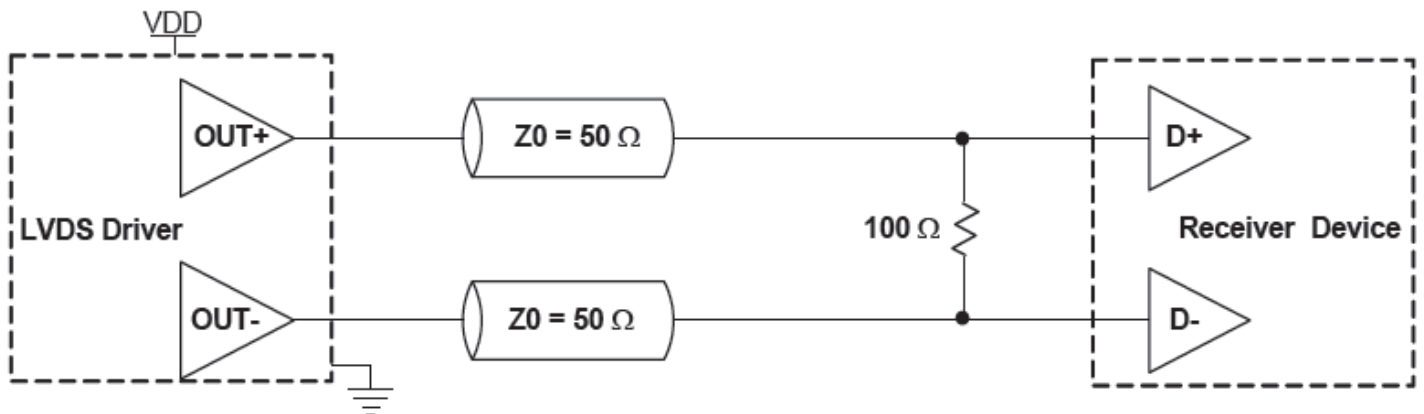
Note2: Referential weight 0.2g



3、 Waveform Diagrams



4、 Termination Diagrams



5、 Package: Tape & Reel (mm)

