

Customer Code: _____

DATASHEET

DAPU P/N: DP7C16000004

DAPU			Customer Approval
Drew	Audited	Approved	Stamp, please! Thanks!
Date: 2023.08.11			

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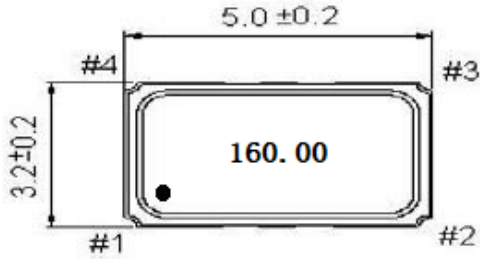
**1、 Electrical Parameters**

MODEL: DP7C1600004							
No	Parameters	SYM.	Electrical Spec.				Notes
			Min.	Typ.	Max.	Units	
1	Nominal Frequency	FL	160.00			MHz	
2	Output Load Capacitance	CL	CMOS			-	
3	Frequency Stability	-	-20		+20	$\times 10^{-6}$	@25°C
		-	-20		+20	$\times 10^{-6}$	-40°C~85°C
4	Operating Temperature	Topr	-40		+85	°C	
5	Storage Temperature	Tstg	-55	~	+125	°C	
6	Supply Voltage		3.15	3.3	3.45	V	
7	Current				28	mA	At maximum supply voltage
8	Output load	-	15			pF	
9	Tri-State Output Active		0.7V _{DD}			V	Pin1 Tri-state
10	Tri-State Output in High-Impedance state				0.3 V _{DD}	V	
11	Output Voltage High	VoH	0.9V _{DD}	-		V	
12	Output Voltage Low	VoL		-	0.1 V _{DD}	V	
13	Symmetry	TH/T	45	50	55	%	
14	Start Time				5	mS	
15	Rise and Fall time	Tr/Tf			5	nS	
16	Aging		-3		+3	$\times 10^{-6}$	Frequency drift in first year

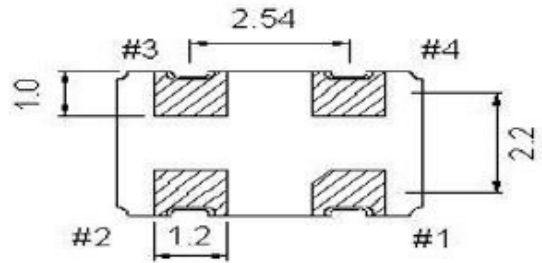


2、Mechanical Structure(mm)

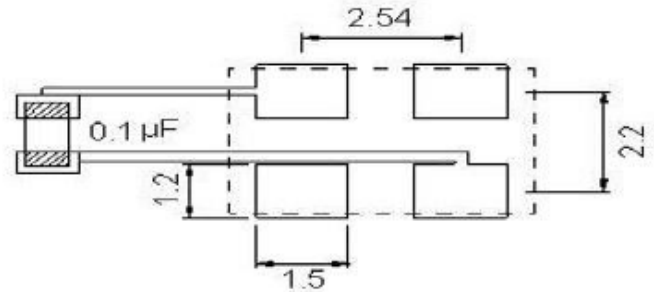
[TOP VIEW]



[BOTTOM VIEW]



[SIDE VIEW]



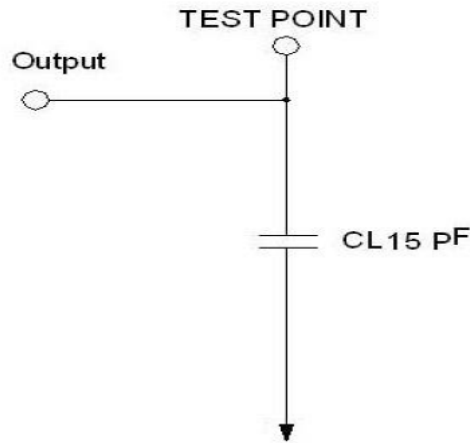
Recommended soldering pattern

Pin	Function
#1	TRI-STATE
#2	GND
#3	Output
#4	V _{DD}

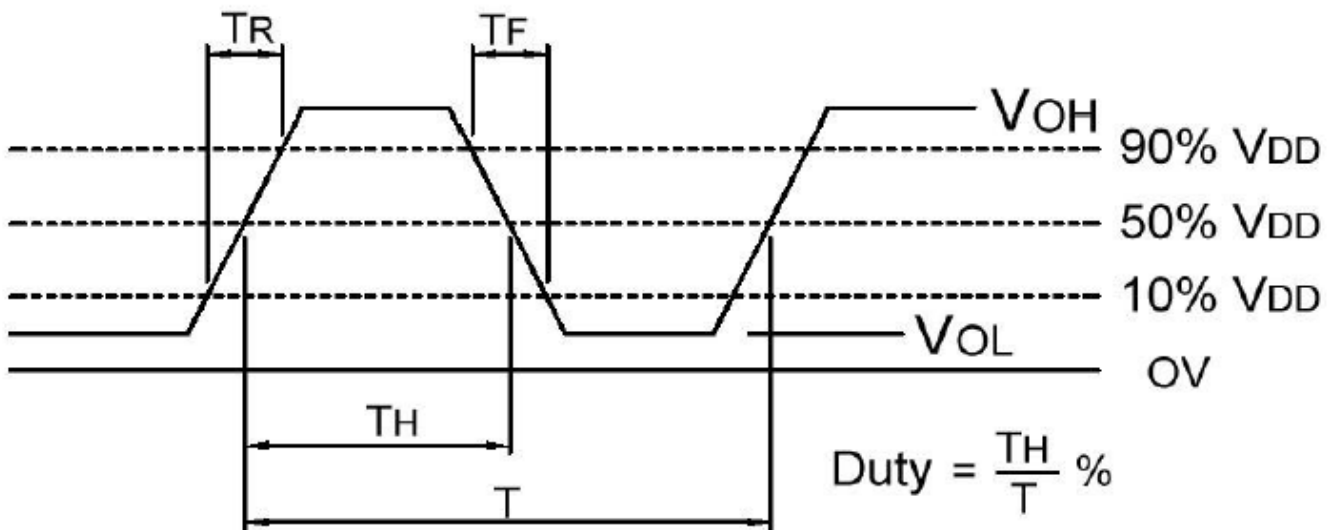
Note1: Tolerance ±0.20mm



3、 Test Circuit

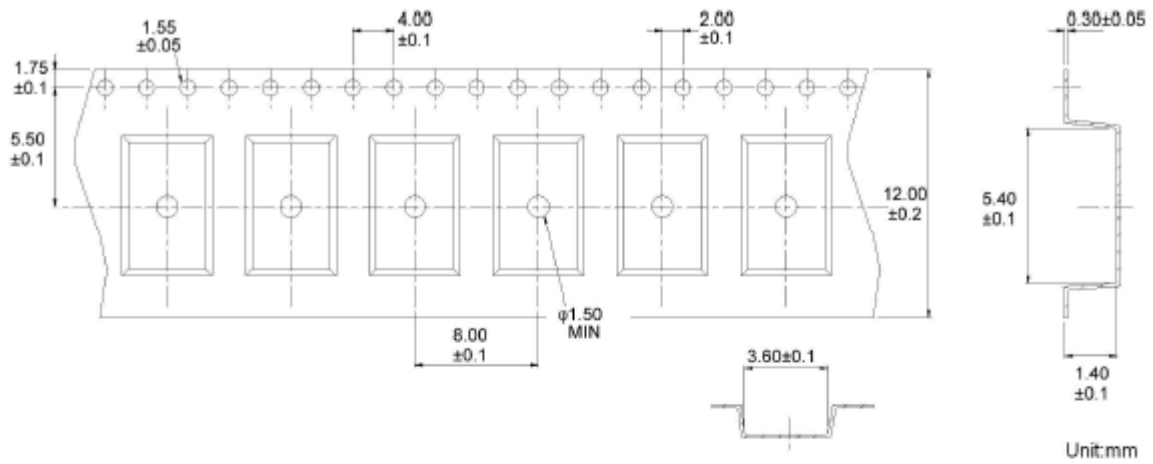


4、 Output Waveform(CMOS Load)

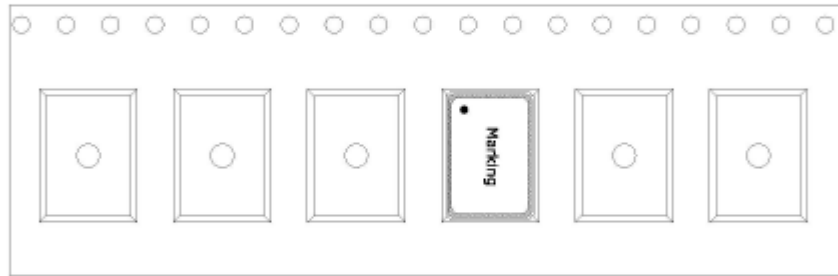




5、 Package: Tape & Reel



➤ THE DIRECTION OF PACKING



➤ REEL DIMENSIONS

