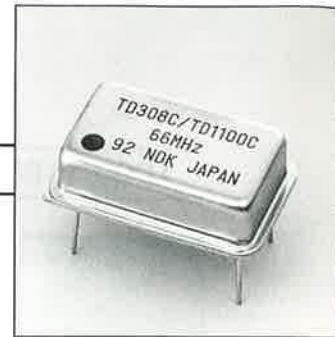


CRYSTAL CLOCK OSCILLATORS

End of Life

TD308/TD1100 SERIES



■ Features

- Directly drives the TTL IC.
- Available for a wide range of frequencies 3.9~70MHz
- Large fanout capability N-TTL10.

Item	Model	TD308C	TD308CB	TD308CC	TD308CD
Output Level		TTL			
Frequency Range (MHz)		3.9~70			
Frequency Stability (ppm)		±100	±500	±1000	±50
Operating Temp. Range (°C)		-20~+70	-20~+70	-20~+70	0~+70
Current Consumption (mA)	V _{DD} =5V Load: Fig. 1	20~30 (TYP) 50 (max)			
V _{OL} max/V _{OH} min (V)	Load: Fig. 1	See Table 1			
Tr max/Tf max (ns)	Load: Fig. 1	See Table 2			
Duty Cycle (%)	Load: Fig. 1 1.4V	40~60			
Fanout (gate)	TTL GATE	10			
Stand-by Function		NO			

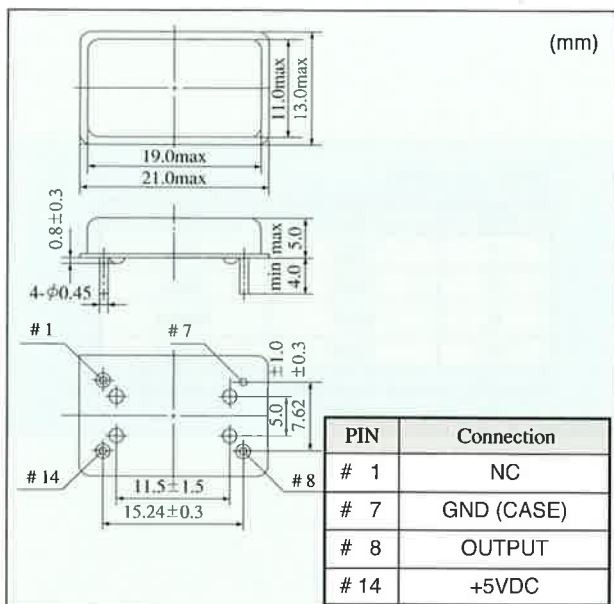
Table 1

Frequency Range	V _{OL}	V _{OH}
< 40 MHz	0.4V max	2.4V min
≥ 40 MHz	0.5V max	2.4V min

Table 2

Frequency Range	Tr	Tf
~ 8 MHz	15ns max	15ns max
8~22 MHz	10ns max	10ns max
22~30 MHz	7ns max	7ns max
30~70 MHz	5ns max	5ns max

■ TD308/TD1100 Series Outline



■ Output Wave <TTL>

