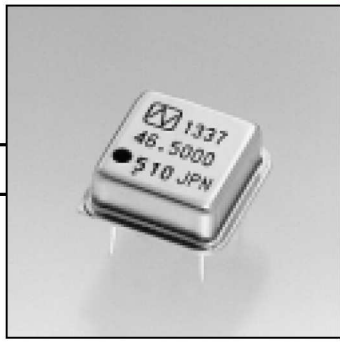


1320 SERIES

Features

- Directly drives the TTL or C-MOS IC.
- Available from low frequency range up, 875kHz.
- Large fanout capability TTL5 (LS-TTL25).
- Low power consumption high speed Tr/Tf and accurate duty cycle (45 to 55%/< 6.5MHz).

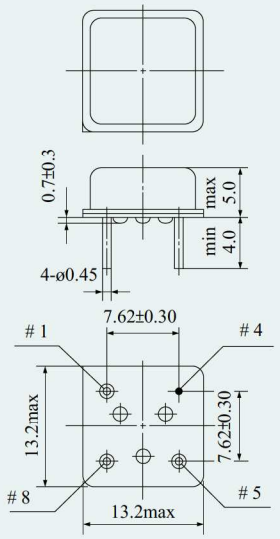
■ Absolute Maximum Rating
Supply Voltage (V_{DD}) –0.5~+7.0V DC
Storage Temperature Range –55~+125°C

Item \ Model			1326	1327	1328	1329	
Frequency	(MHz)		0.875~1.75	1.75~3.5	3.5~7	7~15	15~22
Supply Voltage (V_{DD})	(V)		+5±10%				
Current Consumption	(mA) +5VDC, 25°C		5 (TYP) 10 (max)				8 (TYP) 13 (max)
V_{OL} max/V_{OH} min	(V)		0.4/V_{DD}–0.5 I_{OL}=8mA I_{OH}=-8mA				
Tr max/Tf max	(ns)		5/5 (Value between 0.1×V_{DD} and 0.9×V_{DD})				
Duty Cycle	(%)	1/2V_{DD}	45~55 (< 6.5MHz), 40~60(≧ 6.5MHz)				
		1.4V	45~55 (< 6.5MHz), 40~60(≧ 6.5MHz)				
Fanout (gate)	C_L (pF)		15				
	TTL GATE		5				
Stand-by Function	Tri-state		Yes				

Note: The values of Current Consumption, Tr/Tf, Duty Cycle show the standard values under 5TTL.
If requested, Duty Cycle 45~55% (< 6.5MHz), No stand-by function version #5 pin : L level or no osc, #1 pin : L level (+0.8V max) is available.

■ 1320 Series Outline

(mm)



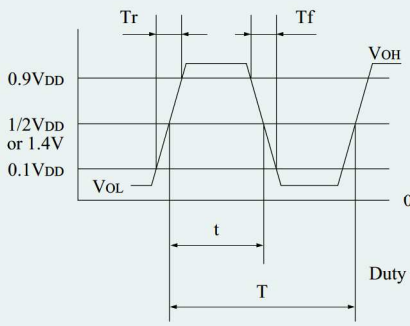
PIN	Connection
# 1	NC/STAND-BY
# 4	GND (CASE)
# 5	OUTPUT
# 8	V_{DD}

■ Option of Frequency Stability

Ope. Temp. \ Frequency stability (×10⁻⁶)	±50	±100
0~+70°C	A	B
–10~+70°C	—	G
–20~+70°C	—	M

Standard

■ Output Wave <C-MOS/TTL>



■ Stand-by Function <Tri-state>

# 1 pin input	# 5 pin output
H level (+2.2 Vmin) or open	Operating
L level (+0.8 Vmax)	High impedance