

High precision Type

2725T



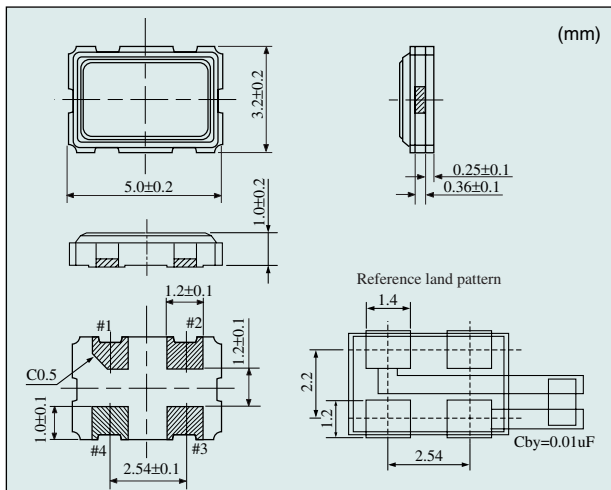
■ Features

- High precision Type ($\pm 30 \times 10^{-6}$ frequency stability).
- The best choice for video equipment miniaturization.
- Embossed carrier tape and IR reflow are possible.
- Products that are lead-free.
- Compact and light weight : 5.0×3.2×1.0mm, 0.06g.

■ **Absolute Maximum Rating**
Supply Voltage (V_{DD}) -0.5~+7.0V DC
Storage Temperature Range -40~+85°C

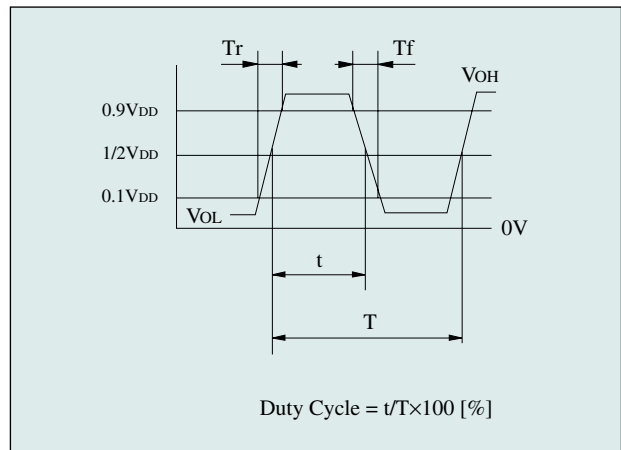
Item		Model	2725T			
Output Level			C-MOS			
Frequency Range	(MHz)		2.5 ≤ F < 20	20 ≤ F < 40	40 ≤ F < 60	60 ≤ F ≤ 75
Frequency Stability	(×10 ⁻⁶)		±30			
Operating Temp. Range	(°C)		-10~+60			
Supply Voltage (V _{DD})	(V)		+3.3±0.1			
Current Consumption (+3.3V, at 25°C)			8mA (max)	15mA (max)	22mA (max)	25mA (max)
	stand-by		10μA (max)			
V _{OL} max / V _{OH} min	(V)		0.1V _{DD} /0.9V _{DD} I _{OL} =4mA, I _{OH} =-4mA			
Tr max/Tf max	(ns)		5/5 (0.1V _{DD} ~0.9V _{DD})			
Duty Cycle	(%)		45~55 (at 1/2V _{DD})			
Fanout (gate)	C _L (pF)		15			
Stand-by Function	Tri-state		Yes			

■ 2725T Outline



PAD No.	Connection
# 1	STAND-BY
# 2	GND
# 3	OUTPUT
# 4	V _{DD}

■ Output Wave <C-MOS>



■ Stand-by Function <Tri-state>

# 1 input	# 3 output
H level (0.7V _{DD} ≤ V _{IH} ≤ V _{DD}) or open	Operating
L level (+0.3 V _{DD} max)	High impedance