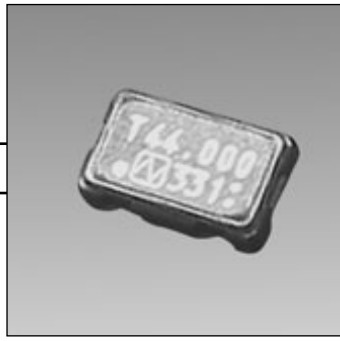


2725T SERIES

■ Features

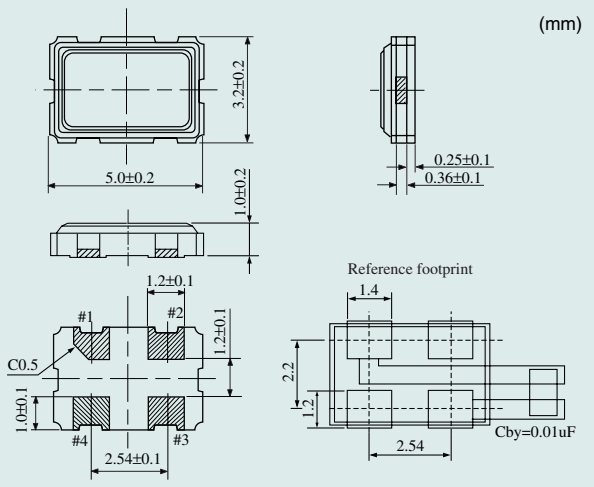
- Height compatible with slim IC package (TSSOP, TVSOP).
- Half the area and 1/3 the volume of 2500 Series package (5.0×3.2×1.0mm).
- Ultra light weight (0.06g).
- High precision Type (±30×10^{-6} frequency stability).
- The best choice for video equipment miniaturization.
- Supply voltage 3.3V.
- Directly drives C-MOS IC.
- Current Consumption in stand-by state is 10μA or less.
- Embossed carrier tape and IR reflow are possible.
- Products that are lead-free.

■ 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)	1.544 ≦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)	CL (pF)	15			
Stand-by Function	Tri-state	Yes			

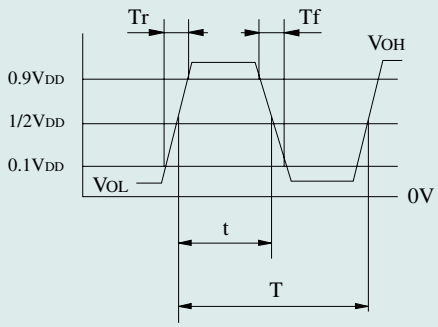
Note : For other frequency. please contact us.

■ 2725T Series Outline



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

■ Output Wave <C-MOS>



Duty Cycle = t/T×100 [%]

■ 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