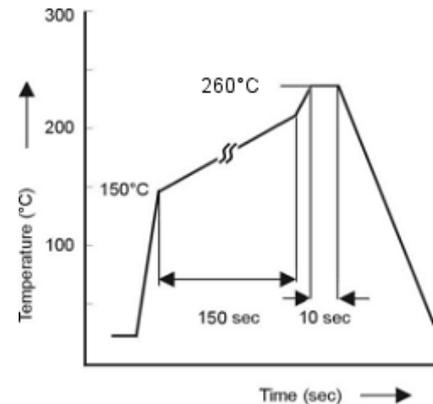
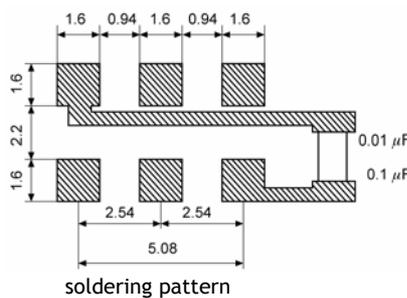
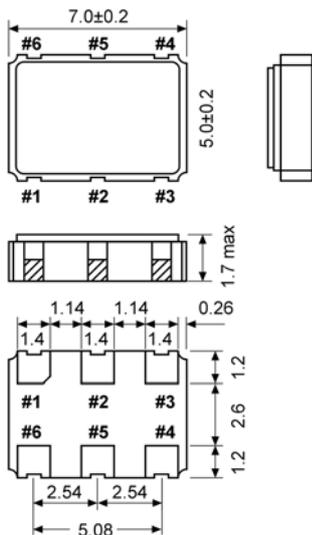


LVDS VCXO

SMD-version

2,5 / 3,3V

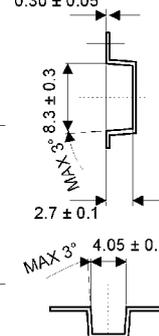
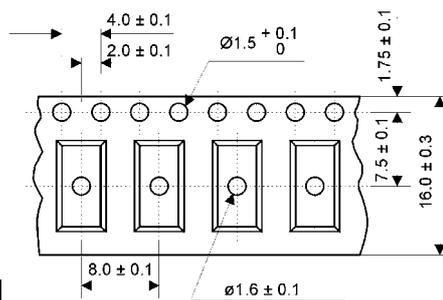
model	KXO-V63
frequency range	27,0 - 700,0 MHz
frequency stability incl. temperature stability input voltage and load stability, aging. at -20° - +70° C at -40° - +85° C	±25 ppm ~ ±100 ppm ±25 ppm ~ ±100 ppm
operating temperature	standard -20° - +70° C available -40° - +85° C (=KXO-V63T)
storage temperature	-40° - +125° C
symmetry	50% of waveform
rise & fall time (Tr) max.	400ps typ 850ps max. (20% - 80% of waveform)
rise & fall time (Tf) max.	400ps typ 850ps max. (80% - 20% of waveform)
LVDS offset output voltage	1,125V - 1,375V
"0" level max.	0,9V - 1,1V
"1" level min.	1,43V - 1,6V
input voltage V _{DD}	standard + 3,3V ± 5% available +2,5V ±5%
input current max.	45 - 60 mA
output load	100 Ohm
start up time max.	10 ms
frequency adjustment (pullability)	± 50 ppm, ± 100 ppm
tristate funcion	yes
disable delay time	200 ns max.
enable delay time	4 ms max.
phase jitter (12kHz - 20MHz)	RMS: 1ps typ, 3ps max.
contents of reel	1000 pcs.
RoHS	since production start
part no.	12.93400 - 12.93599



soldering condition

PIN	CONNECTION
1	V _C
2	Tri-state
3	GND
4	Output
5	C-Output
6	V _{DD}

pin #2	pin #4 / pin #5
"L" (0 V)	HIGH IMPEDANCE (Z)
"H" (+3.3 V) or OPEN	OUTPUT



reel diameter 330 mm