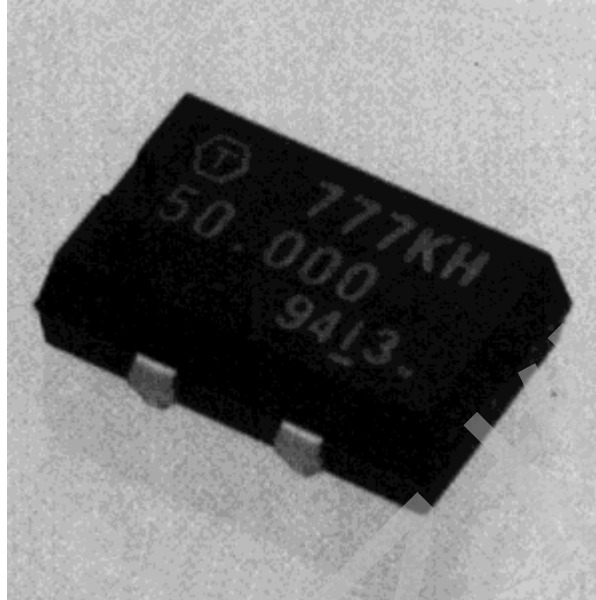


# TOYOCOM PRODUCT NEWS

## TCO-777KH

### ● Photo



[Specification](#) | [Outline drawing](#)

### ● Specification

Parameter	Symbol	min.	Typ.	max.	Unit	Conditions
Frequency range	Fo	36	–	70	MHz	
Frequency stability	dF/Fo	–100	–	100	ppm	*1
Operating temperature	Topr	0	25	70	C	
Operating voltage	Vcc	4.5	5.0	5.5	V	DC
Operating current	Icc	–	–	See Table A	mA	Vcc=5.5V
Input voltage	VIH VIL	2.0 –	– –	– 0.8	V V	#1:VIH or OPEN→Enable #1:VIL or GND→Disable
Output voltage	VOH VOL	Vcc– 0.4 –	– –	– 0.4	V V	IOH=–16mA IOL=16mA
Symmetry	SYM	40	50	60	%	CMOS logic output at 50% Vcc TTL logic output at 1.4V
Rise/Fall time	tr,tf	–	–	See Table A	ns	CMOS logic output at 10% to 90% Vcc TTL logic output at 0.4V to 2.4V
Load capacitance	CL	–	–	50	pF	CMOS logic output
Fanout	n	–	–	10	–	TTL logic output at 1.6mA/gate
Start-up time	tst	–	–	10	ms	*2

\*1 Inclusive of calibration tolerance at 25C, operating temperature, operating voltage range.

\*2 Rise time (0 to 4.5V) of Vcc > 150 micro sec.

Table A

Freq.	36+ to 50	50+ to 70	MHz
I <sub>cc</sub>	40	60	mA
tr,tf	7	7	ns

● Outline Drawing

