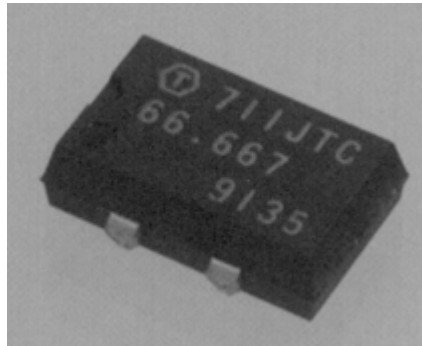


TOYOCOM PRODUCT NEWS

TCO-711JTC

Photo



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

Specification

Parameter	Symbol	min.	Typ.	max.	Unit	Conditions
Frequency range	Fo	1.5	-	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, CL=15pF
Input voltage	VIH VIL	3.5 -	- -	- 1.5	V V	#1:VIH or OPEN->Enable #1:VIL or GND->Disable
Output voltage	VOH VOL	Vcc- 4.0 -	- -	- 0.4	V V	IOH=-4mA IOL=4mA
Symmetry	SYM	45	50	55	%	at 50%Vcc
Rise/Fall time	tr,tf	-	-	See Table A	ns	at 10% Vcc to 90% Vcc / at 90% Vcc to 10% Vcc
Load capacitance	CL	- - -	15 15 -	50 30 15	pF pF pF	15 to 26 MHz 26+to 50MHz 50+ to 70MHz
Start-up time	tst	- -	- -	4 10	ms ms	1.5 to 26MHz *2 26+ to 70MHz *2

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

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

Table A

Freq.	1.5 to 10	10+ to 26	26+ to 50	50+ to 70	MHz
Icc	10	15	35	50	mA
tr,tf	12	12	10	6	ns

Outline Drawing

Package outline

