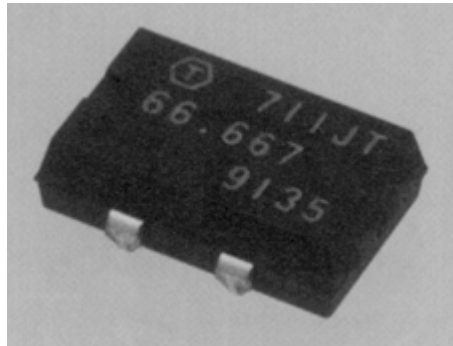




## TCO-711JT

### 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
Input voltage	VIH	3.5	-	-	V	#1:VIH or OPEN->Enable
	VIL	-	-	1.5	V	#1:VIL or GND->Disable
Output voltage	VOH	4.0	-	-	V	IOH=-4mA
	VOL	-	-	0.4	V	IOL=16mA
Symmetry	SYM	45	50	55	%	at 1.4V
Rise/Fall time	tr,tf	-	-	See Table A	ns	at 0.4V to 2.4V / at 2.4V to 0.4V
Fanout	n	-	-	10	-	1.5 to 60 MHz *2
		-	-	5	-	60+ to 70MHz
Start-up time	tst	-	-	4	ms	1.5 to 26MHz *2
		-	-	10	ms	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 36	50+ to 70	MHz
Icc	10	15	35	50	mA
tr,tf	5	5	5	5	ns

### Outline Drawing

**Package outline**

