

Crystal Oscillators

TOYOCOM

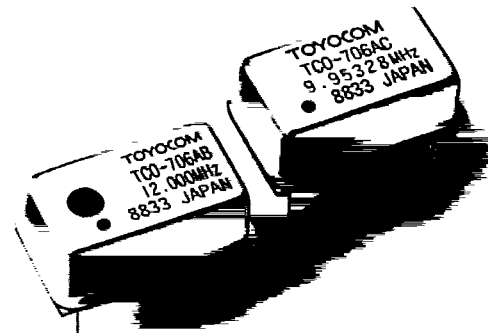
PXO TCO-700 Series

T-50-09

for facsimile, computer controlled devices

Features

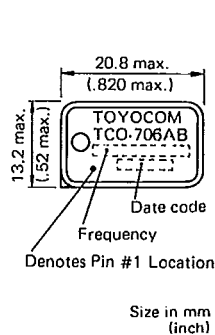
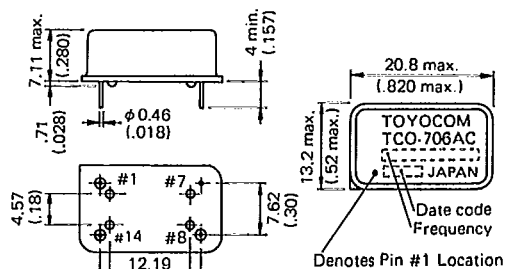
- High stability
- TTL, HCMOS logic outputs
- 14-pin DIP compatible
- Hermetically sealed metal case and high reliability
- Low power consumption
- Case ground 14-pin for minimizing RF radiation



Model		TCO-706AB	TCO-706AC	TCO-706BC
Frequency range		1.25 to 25 MHz		1.25 to 40 MHz
Frequency stability: vs. temperature (relating to 25°C) vs. input voltage vs. Aging (at 25°C)		±5 ppm ±1 ppm ±2 ppm/year		±10 ppm ±1 ppm ±3 ppm/year
Frequency tolerance (at 25°C)		—	±2 ppm	±3 ppm
Frequency adjustment by internal trimmer		±3 ppm min.	—	—
Operating temperature range		0 to 50°C		
Storage temperature range		-20 to 70°C		
Input voltage		5.0V DC ± 5%		
Input current		10 mA max. (1.25 to 20 MHz), 20 mA max. (20+ to 40 MHz)		
Output	Symmetry	40 to 60% (at 1.4V), 40 to 60% (at 50% V _{DD})		
	Fanout	1 to 2 gates, 1.6 mA/gate, C _L = 15 pF		
Remarks		with hole		

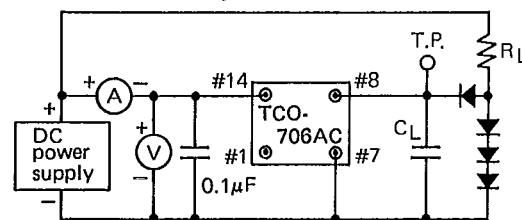
Outline drawing

TCO-706AB

TCO-706AC
TCO-706BC

PIN	CONNECTION
1	N.C.
7	CASE GND
8	OUTPUT
14	+V DC

Test circuit diagram



Note: C_L, total fixture and probe capacitance = 15 pF max.
R_L = 4 KΩ