

BCA series Oscillators

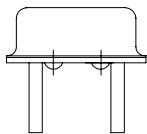
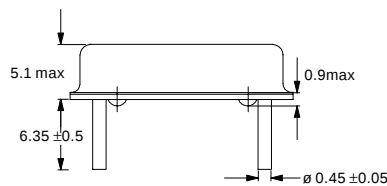


CRYSTAL OSCILLATOR, 14/4 pin DIL Style Holder

- Available in +3.3VDC and +5.0VDC input voltages
- TTL and CMOS output
- Frequency Stability from ± 25 ppm to ± 100 ppm

ELECTRICAL SPECIFICATIONS

OUTPUT		TTL	CMOS		TTL & CMOS COMPATIBLE
Frequency Range		125 kHz ~ 70 MHz	32.768kHz	125 kHz ~ 100 MHz	125kHz ~ 125MHz
Frequency Stability		±25 ~ ±100ppm			
Op. Temp. Range		0°C to +70°C (STD)			
Power Supply	Osc. Voltage	+5.0Vdc ±10% +3.3Vdc ±10%	+5.0Vdc	+5.0Vdc ±10% +3.3Vdc ±10%	+5.0Vdc ±10% +3.3Vdc ±10%
	Osc. Current	20 ~ 80mA max	200uA max	10 ~ 80mA max	20 ~ 80mA max
Output	Duty Cycle	50% ±10% (1.4V)	50% ±10% (1/2Vdd)		50% ±10% TTL: (1.4V) C-MOS: (1/2Vdd)
	Rise/Fall Time	10nSec max.	1nS max	10nSec max.	10nSec max.
	Fan out	1 to 10TTL	15pF		1 to 10TTL, 15pF
Option		Duty 55/45, Tri-state			



PIN CONNECTIONS

Pin	Function
1	N.C. or EN/DIS (Tri-state)
7	GND
8	OUTPUT
14	Vcc

