

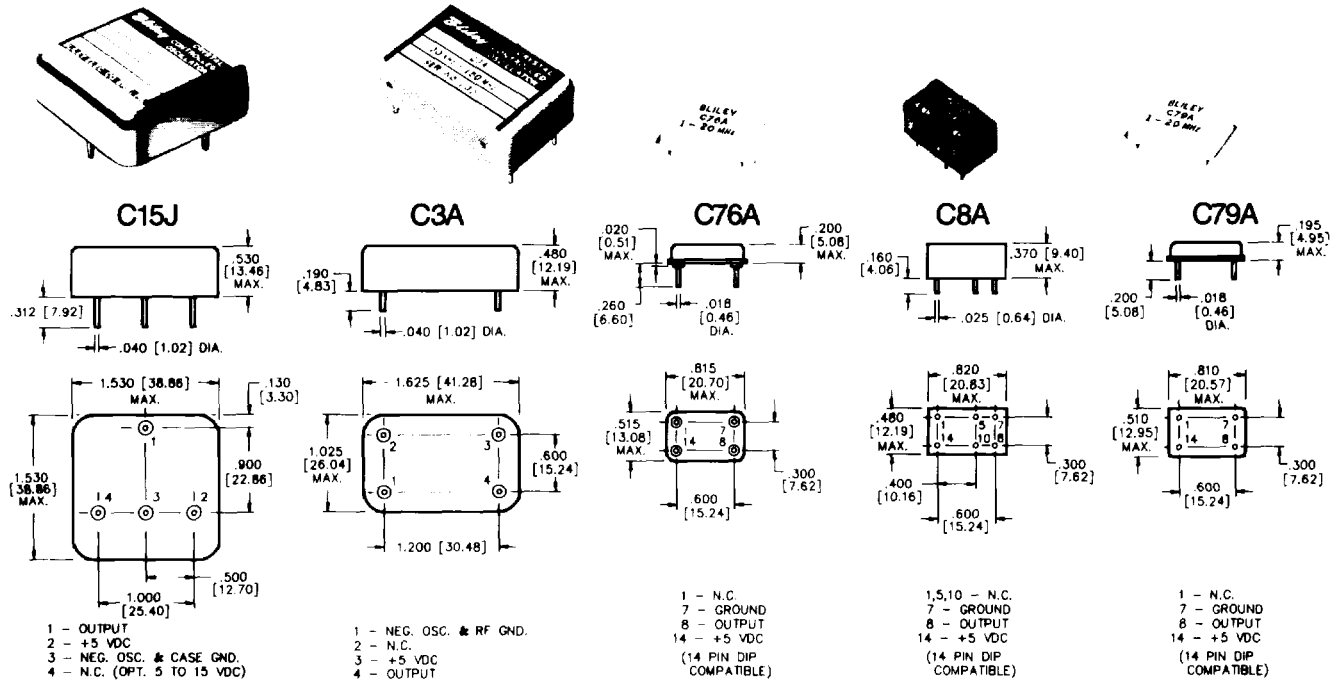
# CRYSTAL OSCILLATORS



## General Purpose-Clock Oscillators

first name in frequency control

DESIGNED WITH PRIMARY EMPHASIS ON QUALITY — BACKED UP BY TOP TECHNOLOGY



BLILEY TYPE	FREQUENCY RANGE	FREQ. TOL. (%) vs TEMP. RANGE (°C) (INCLUDES CALIBRATION AT +25°C)				OUTPUT
		0 to +50	0 to +70	-20 to +70	-40 to +70	
C15J	1 Hz — 2 MHz	±.001	±.0015	±.002	±.0025	TTL LOGIC
	50 kHz — 70 MHz	±.001	±.0012	±.0015	±.002	SINE WAVE
	3 MHz — 150 MHz					
C3A	20 kHz — 25 MHz	±.001	±.0012	±.0015	±.002	TTL LOGIC
	25 MHz — 50 MHz	±.001	±.0012	±.002	—	SINE WAVE
	3 MHz — 100 MHz	±.001	±.0012	±.0015	±.002	
C76A	1 MHz — 20 MHz	—	±.01	—	—	TTL LOGIC
C8A	4 MHz — 60 MHz	±.004	±.005	±.01	—	
C79A*	1 MHz — 20 MHz	—	±.01	—	—	

\* (CASE DESIGN INCORPORATES AN ALL METAL RESISTANCE - WELD HERMETIC SEAL ENCLOSURE.)

### GENERAL SPECIFICATIONS

- SUPPLY: +5 VDC
- OUTPUT: TTL LOGIC "1" +2.4 V MIN., LOGIC "0" +0.4 V MAX.
- SYMMETRY: 60/40 DUTY CYCLE WORST CASE
- LOAD: 10 TTL GATES
- SINE WAVE: 0.7 VRMS (1000 Ω LOAD), 800 kHz — 25 MHz
- 0.2 VRMS (50 Ω LOAD), 1 — 150 MHz

CUSTOM OPTIONS AVAILABLE: HCMOS LOGIC, COMPLEMENTARY OUTPUTS, DUAL-FREQUENCY OUTPUTS  
 FREQUENCY ADJUSTMENT: ELECTRICAL OR MECHANICAL AVAILABLE ON C15J AS A CUSTOM OPTION  
 HERMETIC ENCLOSURES: C15J, C3A AND C79A