FEATURES

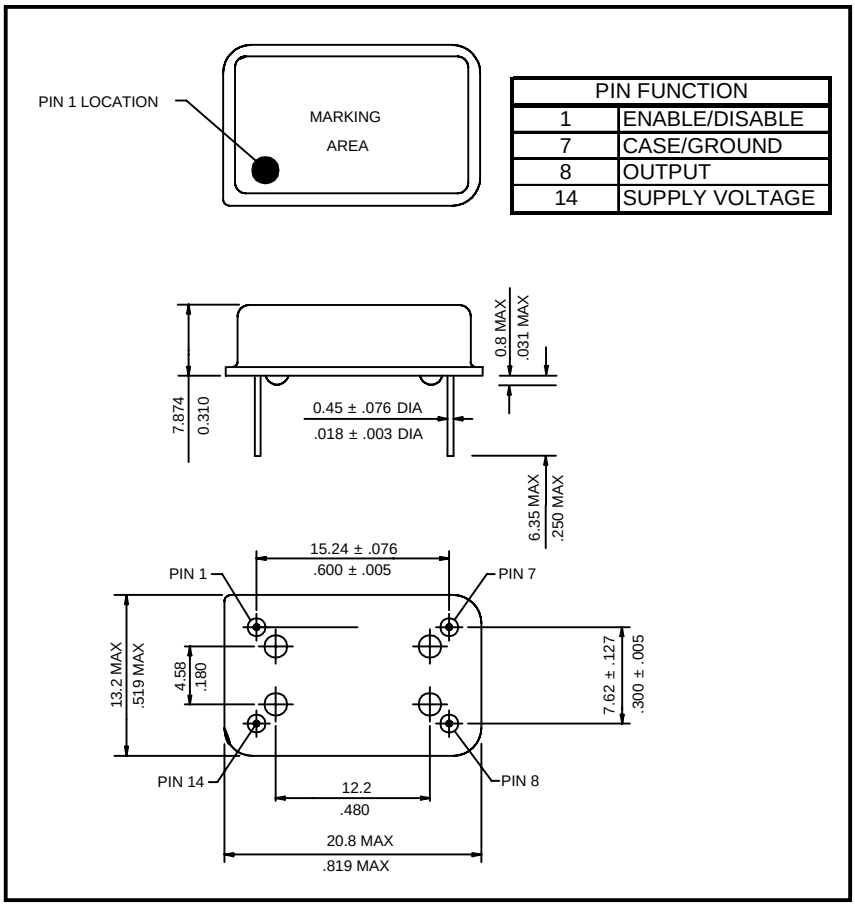
CO-CE7850A-LZ-FREQ.-EL

- 3.3 & 5.0 VOLT
- LOW JITTER PCL OUTPUT
- UTILIZING AN HF OVERTONE
- ENABLE/DISABLE OPTION
- STANDART TEMP. RANGE OR EXTENDED
- COMPLIMENTARY OUTPUT OPTION

SPECIFICATIONS

PARAMETER	SYMBOL	CONDITIONS	VALUE	UNIT
FREQUENCY, NOM	fo	-	155.520; 166.6286; 177.737142; 178.571428	MHz
SUPPLY VOLTAGE, NOM	Vcc	Vcc±5% (OPTIONAL +3.3VDC)	5.0 (OPTIONAL +3.3VDC)	V
SUPPLY CURRENT, MAX	Is	Vcc=+5.0VDC, Ta=+25 C, 50Ω TO 3.0VDC LOAD	135.0	mA
PECL OUTPUT LEVELS	VOH/VOL	LOAD=50Ω TO 3.0VDC, Vcc, NOM.	3.98/3.38	V
DUTY CYCLE	DC	LOAD=50Ω TO 3.0VDC / 50% Vcc	40...60	%
RISE AND FALL TIME	tr / tf	20% ~ 80% Vout, 80% ~ 20% Vout	1.7	ns
FREQ. STABILITY VS TEMPERATURE, MAX	Δf/fc (Ta)	Ta=0°C +70°C, (REF. TO 25°C) (OPTIONAL -40°C TO +85°C)	±50.0	PPM
FREQ. STABILITY VS SUPPLY, MAX	Δf/fc (ΔVcc)	±5% SUPPLY VARIATION	±5.0	PPM
FREQ. STABILITY VS. LOAD, MAX	Δf/fc (Δload)	±10% LOAD VARIATION	±3.0	PPM
FREQ. STABILITY VS. CALIBRATION, MAX	(fo-fc)/fo	Vcc=+5.0VDC, Ta=+25 C, 50W TO 3.0VDC LOAD	±15.0	PPM
AGING	Δf/fc (Δt)	ΔT =1st YEAR ΔT =PER YEAR THEREAFTER	±4.0 ±2.0	PPM
ENABLE	En	PIN 1=LOW, Vcc-1.620 (MAX)	ENABLED	-
DISABLE	Dis	PIN 1=HIGH, Vcc-1.025 (MIN)	PIN 8 = LOW	-
OPERATING TEMPERATURE	Ta	-	0...+70	°C
STORAGE TEMPERATURE	T(stg)	-	-55...+125	°C
ABSOLUTE VOLTAGE RANGE	Vcc(abs)	NON-DESTRUCTIVE, DC	-0.5...+7.0	V

OUTLINE DRAWING



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