



2343431 CONNOR-WINFIELD CORP

96D 00290 D 7-50-23

SPECIFICATIONS		LS12*	T12*
Fixed frequencies		650 KHz to 25 MHz	
Output		10 LSTTL Square	10 TTL Square
Frequency Tolerance Temperature Range Options	A	$\pm .00005\%$; +20° C to +40° C	
	B	$\pm .00015\%$; 0° C to +50° C	
	C	$\pm .00025\%$; -25° C to +65° C	
Supply		+5 Vdc $\pm 1\%$; TTL (<50 mA) LSTTL (<30 mA)	
External frequency adj.		0 - 5V applied to pin 1 allows adjustment of output frequency by ± 10 ppm minimum	

Output symmetry: ≤ 12.5 MHz 50/50 $\pm 1\%$, > 12.5 MHz 50/50 $\pm 10\%$ □ Output rise/fall times: ≤ 12.5 MHz ≤ 20 nS, > 12.5 MHz ≤ 5 nS

SPECIFICATIONS	C12A	C12B	C12C	
Frequency tolerance	$\pm .00005\%$	$\pm .00015\%$	$\pm .00025\%$	
Temperature range	+20°C to +40°C	0°C to +50°C	-25°C to +65°C	
Output (please specify)	TTL 1-10 TTL	CMOS CMOS Load	Sinewave 50 ⁿ or 10K ⁿ	ECL 100K ECL
Frequency range	1 Hz to 30 MHz	1 Hz to 8 MHz 1 Hz to 12 MHz	1 Hz to 30 MHz	1 Hz to 30 MHz
Supply voltage (please specify $\pm 1\%$)	+5 Vdc $\pm 1\%$	+5 Vdc to +8 Vdc +8 Vdc to +15 Vdc	+5 Vdc to +30 Vdc	-4.5 Vdc or -5.2 Vdc
Supply current	<60 mA	<25 mA	<60 mA	<50 mA

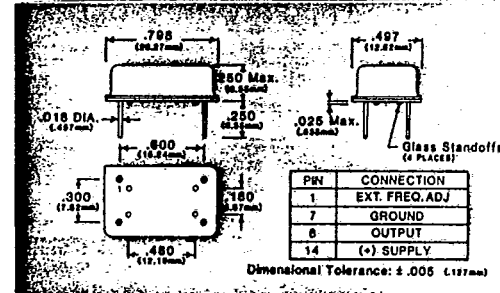
Package: epoxy encapsulated 3-pin

SPECIFICATIONS	C24A	C24B		C24C
Frequency tolerance	$\pm .00005\%$	$\pm .00015\%$		$\pm .00025\%$
Temperature range	+20° C to +40° C	0° C to +50° C		-25° C to +65° C
Output (please specify)	TTL 1-10 TTL Load	CMOS* CMOS Load		ECL 1000K ECL or 10 K ECL compatible
Frequency range	15 KHz to 30 MHz	1 Hz to 8 MHz	1 Hz to 12 MHz	4 MHz to 30 MHz
Supply voltage (please specify)	+5 Vdc $\pm 1\%$	+5 Vdc to +8 Vdc (Specify $\pm 1\%$)	+8 Vdc to +15 Vdc (Specify $\pm 1\%$)	-4.5 Vdc or -5.2 Vdc (Specify $\pm 1\%$)
Supply current	<60 mA	<25 mA		<150 mA

Package: epoxy encapsulated 24-pin *Low current options available (<4mA)

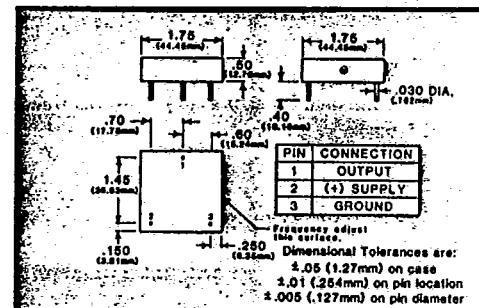
DIP TCXO Series

Tight Tolerance



Wide Frequency Range 3-Pin Epoxy

High stability and accuracy



Wide Frequency Range 24-Pin Epoxy DIP

