



SPECIFICATIONS	SR721	SR722	SR723	SR724	SR725
Fixed frequencies	25-80 MHz				
Frequency tolerance	±.01%	±.005%	±.01%	±.005%	±.01%
Temperature range	0°C to 70°C		-40°C to +85°C		-55°C to +125°C

Output wave: square □ Output load: 10 TTL □ Output duty cycle: 50/50 ± 10% □ Supply voltage: +5 Vdc ± 10% □ Supply current: 60 mA maximum □ Package: All metal, hermetically sealed, welded

SPECIFICATIONS	S13R6T	S14R6T	S15R6T	S16R6T
Fixed frequencies	3.2 MHz to 25 MHz			
Frequency tolerance	±.0025%	±.005%	±.01%	±.01%
Temperature range	0°C to +70°C	-25°C to +75°C	0°C to +70°C	-40°C to +85°C
Output	TTL Square Wave; 1-10 TTL loads			

Output duty cycle: 60/40 max (typ. 52/48) □ Supply voltage: 5Vdc ± 10% □ Supply current: 50 mA max □ Gating: Logic "0": Enable; Logic "1": Disable* □ Enable/Disable times: 16 nS max Package: All metal, hermetically sealed 14-pin DIP (.2")

NOTE: Also available in HCMOS logic.

*When disabled, output is at high impedance state.

SPECIFICATIONS	F10	F11	F12	F13	F14
Fixed frequencies	1 Hz to 80 MHz				
Frequency tolerance/temperature range letter suffix	C†	Freq. tolerance: ±.001% Temp. range: 0° C to +50° C			
	D†	Freq. tolerance: ±.0025% Temp. range: 0° C to +65° C			
	E	Freq. tolerance: ±.005% Temp. range: -25° C to +75° C			

Output pin no.	4	8	8	12	12
Options To order this Series you must select a frequency tolerance/temperature range and options if desired. Example—L11C A specifies unit L11 with a C frequency and A option.	A	External frequency adjustment ± 10 ppm—capacitive			
	B	Internal frequency adjustment ± 10 ppm—mechanical			
	V	External frequency adjustment ± 10 ppm—voltage controlled			
	C	Complementary output on pin 3 (180 deg. out of phase with standard pin 12 output).			
	G	Gating to turn output circuitry off, reset output logic-level low			
	P	Available with low power Schottky TTL (LSTTL).			

Output wave: TTL square □ Output load: 10TTL □ Output symmetry: 50/50 ± 1% @ ≤ 10 MHz 50/50 ± 10% @ > 10 MHz □ Output rise/fall time: ≤ 25 nS @ ≤ 10 MHz ≤ 5 nS @ > 10 MHz □ Supply voltage: +5 Vdc ± 5% □ Supply current: 20-100 mA depending on frequency □ Package: Epoxy encapsulated 14-pin DIP

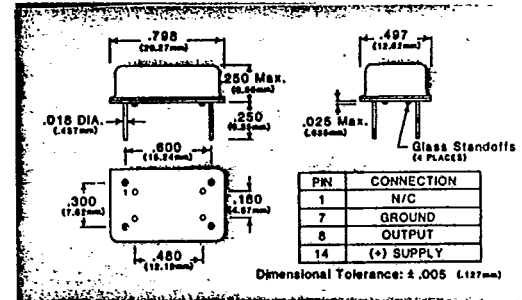
† C and D tolerances use accessible trimmer for setting frequency.

*When ordering, please specify desired frequency tolerance/temperature range, model number suffixes and options.

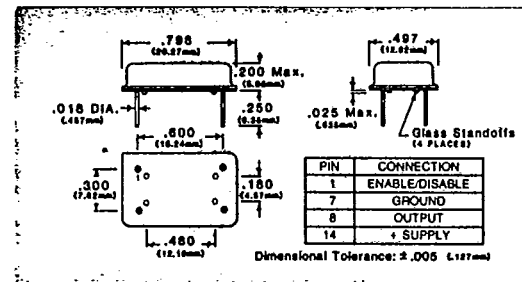
TTL Series

Extra High Frequency Metal DIP

Extended Temperature Range



Tri-State Gating



Tight Tolerance Epoxy DIP

Multiple Options Available

