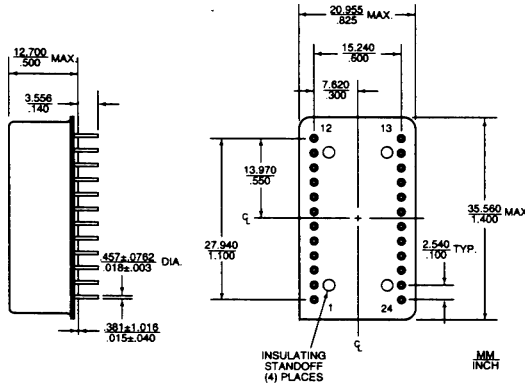
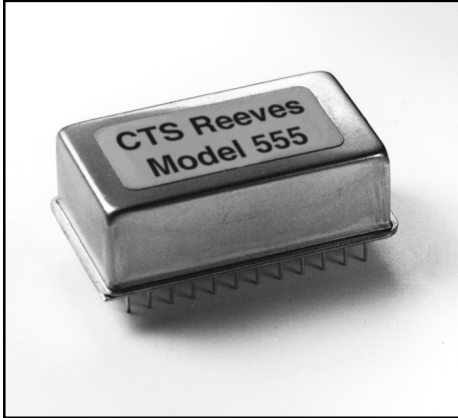


**High-Frequency ECL-Low Jitter**



PIN	Function
1	Control Voltage
2,8,10,12, 13,15,17	Case/Ground
9	+12V
11	-4.5V or -5.2V
14	Output
16	Complementary Output
Others	Do Not Connect

**Environmental Characteristics**

Frequency Range: ..... 50 MHz to 200 MHz  
 Standard Frequency: ..... 155.520 MHz  
 Aging: ..... ±2.0 ppm/yr. maximum  
 ..... ±4.0 ppm/10 yrs. maximum  
 Frequency Stability:  
 Over Temperature: ..... SEE CHART  
 Operational Temperature Range: ..... -40 to +85°C  
 Output Type: ..... 100K ECL with complementary output  
 Input Voltage: ..... -5.2V±5%  
 Supply Current: ..... 25mA maximum

Rise & Fall Times: ..... 1.0 nSEC maximum  
 Output Jitter: ..... 30pS Typical  
 ..... 60pS maximum  
 Frequency Control Range: ..... ±40 to ±60 ppm  
 Control Voltage Range: ..... ±8.0 volts  
 Transfer Function: ..... Negative  
 Modulation Linearity: ..... ±2% maximum  
 Package (maximum): ..... 1.400" x .825" x .500"  
 Package Seal: ..... Hermetic

**Ordering Information:**

**Model Type 555**

Temperature

Stability

Frequency in MHz

Temperature - Stability Options							
Temp. Range	T / S		B	C	D	E	F
	Temp. Range	Stability	±1.0	±2.0	±2.5	±5	±12.0
A	0° to 50°	X	X	X	X	X	X
B	0° to 70°	X	X	X	X	X	X
C	-20° to 70°		X	X	X	X	X
D	-30° to 75°		X	X	X	X	X
E	-40 to 85°		X	X	X	X	X

Temperatures in °C.  
Stability in ppm

TCXOs