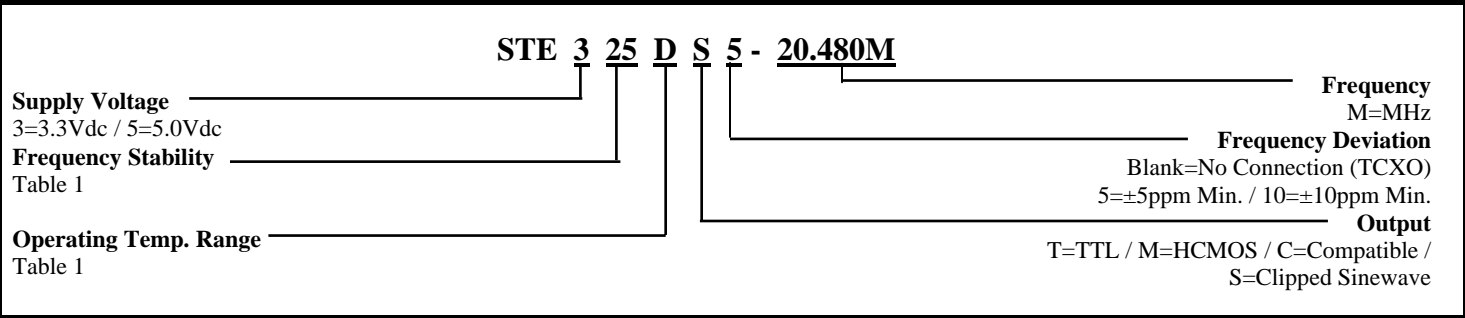


PART NUMBERING GUIDE

Environmental/Mechanical Specifications on page F5



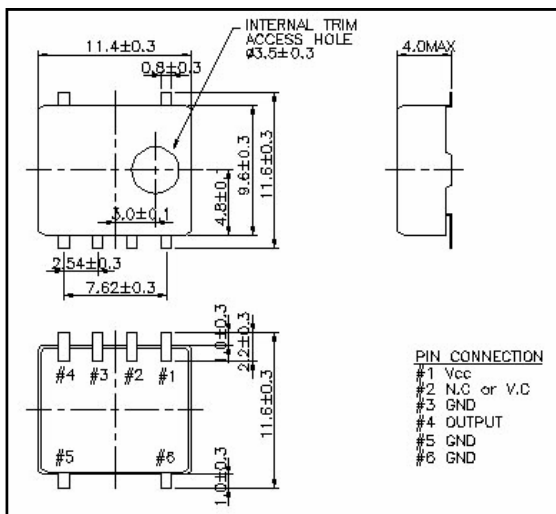
ELECTRICAL SPECIFICATIONS

Revision: 2003-C

Frequency Range	9.600MHz to 35.000MHz	
Frequency Stability	All values inclusive of temperature, aging, and load See Table 1 Above.	
Operating Temperature Range	See Table 1 Above.	
Storage Temperature Range	-40°C to 85°C	
Supply Voltage	5 VDC ±5%	
Load Drive Capability	10kOhms // 10pF	
Output Voltage	1Vp-p Minimum	
Internal Trim (Top of Can)	±3ppm Minimum	
Control Voltage (External)	2.5Vdc ±2.0Vdc Positive Transfer Characteristics	
Frequency Deviation	±5ppm Minimum Over Control Voltage	
Aging (@ 25°C)	±1ppm / year Maximum	
Frequency Stability	Vs. Operating Temperature	See Table 1 Above.
	Vs. Inpput Voltage (±5%)	±0.3ppm Maximum
	Vs. Load (±2kOhms // ±2pF)	±0.3ppm Maximum
Input Current	9.600MHz to 20.000MHz	1.5mA Maximum
	20.001MHz to 29.999MHz	2.0mA Maximum
	30.000MHz to 35.000MHz	3.0mA Maximum

MECHANICAL DIMENSIONS

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Operating Temperature	Frequency Stability (±ppm) * Denotes Availability of Options	Frequency Stability (±ppm)					
		1.5ppm	2.0ppm	2.5ppm	3.0ppm	3.5ppm	5.0ppm
Range	Code	15	20	25	30	35	50
0 to 50°C	A	*	*	*	*	*	*
-10 to 60°C	B	*	*	*	*	*	*
-20 to 70°C	C	*	*	*	*	*	*
-30 to 60°C	D		*	*	*	*	*
-30 to 75°C	E		*	*	*	*	*
-35 to 85°C	F			*	*	*	*
-40 to 80°C	G				*	*	*