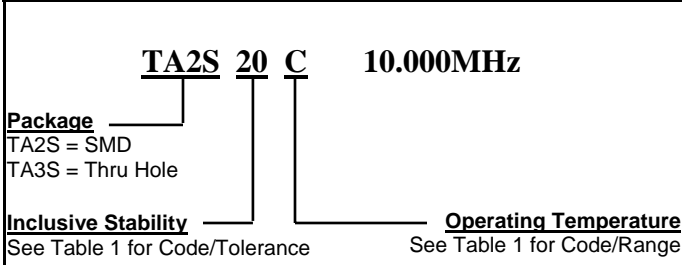


PART NUMBERING GUIDE **Revision: 1995-B** **TABLE 1**

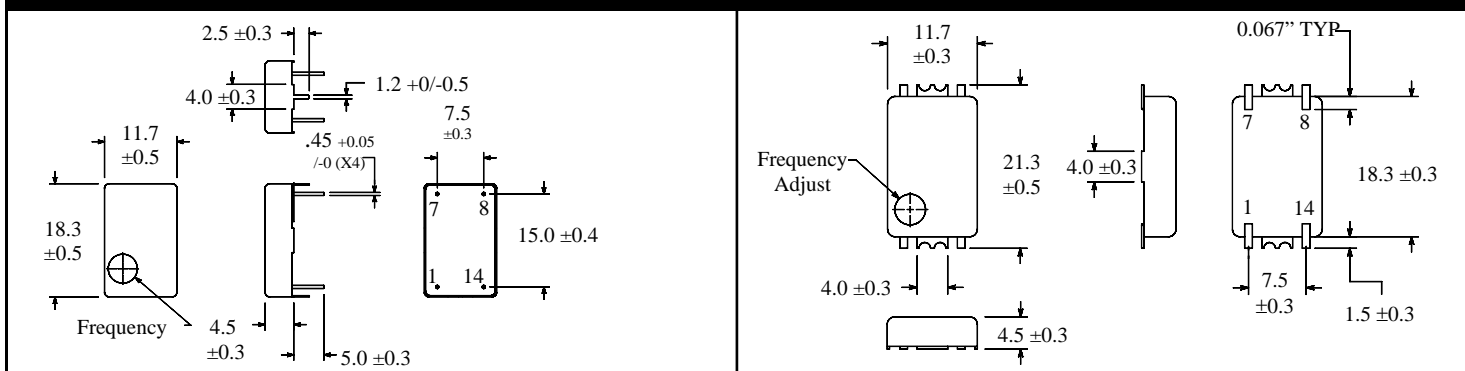


Operating Temperature		Frequency Stability (\pm ppm) * Denotes Availability of Options					
		1.5ppm	2.0ppm	2.5ppm	3.0ppm	3.5ppm	5.0ppm
Range	Code	15	20	25	30	35	50
	0 to 50°C	A	*	*	*	*	*
-10 to 60°C	B	*	*	*	*	*	*
-20 to 70°C	C	*	*	*	*	*	*
-30 to 60°C	D		*	*	*	*	*
-30 to 75°C	E		*	*	*	*	*
-35 to 85°C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

ELECTRICAL SPECIFICATIONS **Environmental/Mechanical Specifications on page F5**

Frequency Range	9.600MHz to 35.000MHz	
Operating Temperature Range	See Table 1 Above.	
Storage Temperature Range	-40°C to 85°C	
Supply Voltage	5 VDC \pm 5%	
Load Drive Capability	2TTL Load	
Internal Trim (Top of Can)	\pm 3ppm Minimum	
Control Voltage (External)	2.5Vdc \pm 2.0Vdc Positive Transfer Characteristics	
Frequency Deviation	\pm 5ppm Minimum Over Control Voltage	
Aging (@ 25°C)	\pm 1ppm / year Maximum	
Rise Time / Fall Time	10nSeconds Maximum	
Input Current / Duty Cycle / Rise and Fall Time	30mA Maximum / 50 \pm 10% / 10nSeconds Maximum	
Output Voltage Logic High (Voh)	w/TTL Load	2.4Vdc Minimum
Output Voltage Logic Low (Vol)	w/TTL Load	0.4Vdc Maximum
Frequency Stability	Vs. Operating Temperature	See Table 1 Above.
	Vs. Inpput Voltage (\pm 5%)	\pm 0.3ppm Maximum
	Vs. Load (\pm 2pF)	\pm 0.3ppm Maximum

MECHANICAL DIMENSIONS **Marking Guide on page F3-F4**



Pin 1: Control Voltage (Not present when Control Voltage is specified as "No Connect")
Pin 7: Case Ground

Pin 8: Output
Pin 14: Supply Voltage