

FEATURES

- HIGH RELIABILITY FOR LOW COST
- MICRO TUBULAR HOLDER COVERING WIDE AT-CUT FREQUENCY RANGE
- EXCELLENT CLOCK SIGNAL GENERATOR FOR CPU'S

PETERMANN

TECHNIK

Time & Frequency Components

SERIES		TB38	
PACKAGE DIMENSIONS		SEE OUTLINE DRAWING	
FREQUENCY RANGE	1.000 MHz	3.579545 ~ 26.0 MHz	27.0 ~ 100.0 MHz
MODE OF VIBRATION	SL-CUT	AT-FUNDAMENTAL	3rd OVERTONE
RESONANCE RESISTANCE	3 kΩ MAX.	150 ~ 40 Ω	100 ~ 80 Ω
FREQUENCY TOLERANCE AT 25°C	+/-100 PPM	+/-15 ~ +/-50 PPM	
TEMPERATURE RANGE	0/+50°C ~ -10/+60°C	0/50°C ~ -20/+70°C	
TEMPERATURE STABILITY	+5 PPM	0/+50°C	
	+10 PPM	0/50°C / -10/+60°C	
	+15 PPM	0/50°C / -10/+60°C	
	+20 PPM	0/50°C / -10/+60°C / -10/+70°C	
	+30 PPM	0/50°C / -10/+60°C / -10/+70°C / -20/+70°C	
	+50 PPM	0/50°C / -10/+60°C / -10/+70°C / -20/+70°C	
	+100 PPM	0/+50°C / -10/+60°C	0/50°C / -10/+60°C / -10/+70°C / -20/+70°C
LOAD CAPACITANCE	10 ~ 32 PF OR SERIES		
SHUNT CAPACITANCE	7 PF MAX.		
DRIVE LEVEL	0.1 mW MAX.		
AGING	+3 ~ +5 PPM PER YEAR		
INSULATION RESISTANCE	>500 MΩ DC/100V +/-10%		
DELIVERY FORM	BULK		
<u>OTHER PARAMETERS ARE AVAILABLE ON REQUEST / CREATE HERE YOUR SPECIFICATION</u>			

PART NUMBERING SYSTEM

EXAMPLE	TB38 24.576 MHz 15/30/-20+70/20pF
----------------	-----------------------------------

TYPE	TB38
FREQUENCY	IN MHZ
FREQUENCY TOLERANCE AT 25°C	REQUIRED VALUE
TEMPERATURE STABILITY	REQUIRED VALUE
TEMPERATURE RANGE	REQUIRED VALUE
LOAD CAPACITANCE	REQUIRED VALUE

OUTLINE DRAWING OF TB38

