PETERMANN TECHNIK
Time & Frequency Components

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FEATURES

- TIGHT TOLERANCE / TIGHT STABILITY AVAILABLE
- HIGH RELIABILITY FOR LOW COST
- LOW PROFILE - 0.35 MM PACKAGE HEIGHT
- ULTRA MINIATURA SIZE AND LIGHTWEIGTH
- EXCELLENT CLOCK SIGNAL GENERATUR FOR CPU'S

ULTRA-MINI-SMD-CRYSTAL SERIES		SMD01612/4	
FREQUENCY RANGE		32.0 ~ 40.0 MHz	40.0 ~ 52.0 MHz
MODE OF VIBRATION		AT-FUNDAMENTAL	
RESONANCE RESISTANCE		150 Ω max.	100 Ω max.
FREQUENCY TOLERANCE AT 25°C		+-10 ppm ~ +-50 ppm	
WORKING TEMPERATURE RANGE		-10/+60°C ~ -30/+85°C	
TEMPERATURE STABILITY	**+-8 ppm**	-10/+60°C / 0+70°C	
	+-12 ppm	-10/+60°C / 0+70°C / -20+70°C	
	+-15 ppm	-10/+60°C / 0+70°C / -20+70°C / -30+85°C	
	+-20 ppm	-10/+60°C / 0+70°C / -20+70°C / -30+85°C	
	+-30 ppm	-10/+60°C / 0+70°C / -20+70°C / -30+85°C	
	+-50 ppm	-10/+60°C / 0+70°C / -20+70°C / -30+85°C	
LOAD CAPACITANCE		Series, 8pF, 10pF, 12pF	
DRIVE LEVEL		10 µW (100 µW max.)	
AGING		+-2 ppm per year	
INSULATION RESISTANCE		>500 MΩ DC/100V +-10%	
STORAGE TEMPERATURE		-40/+85°C	
PACKAGE		Tape and Reel (3.000 pcs per reel)	

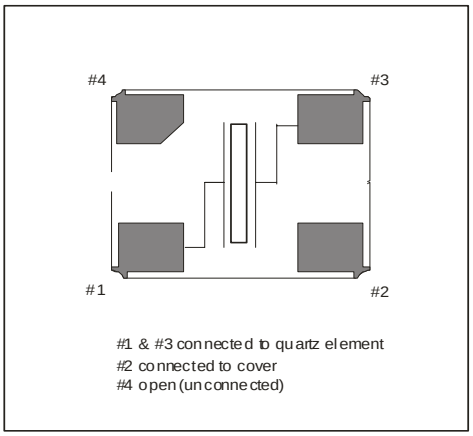
OTHER PARAMETERS ARE AVAILABLE ON REQUEST / CREATE HERE YOUR SPECIFICATION

PART NUMBERING SYSTEM

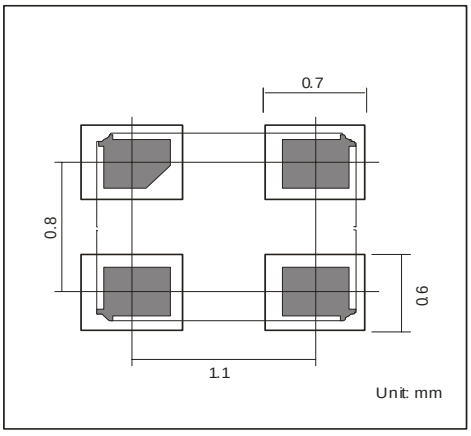
EXAMPLE	SMD01612/4 40.000 MHz 10/15/-30+85/10pF

TYPE	SMD01612/4
FREQUENCY	IN MHZ
FREQUENCY TOLERANCE AT 25°C	REQUIRED VALUE
TEMPERATURE STABILITY	REQUIRED VALUE
TEMPERATURE RANGE	REQUIRED VALUE
LOAD CAPACITANCE	REQUIRED VALUE

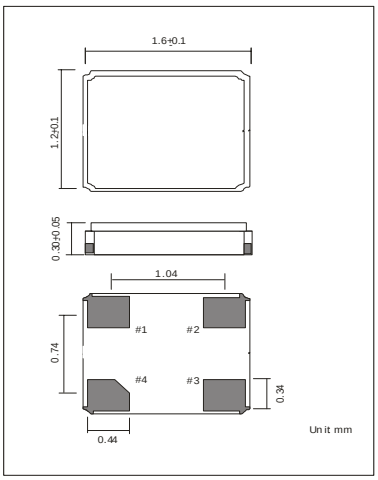
INTERNAL CONNECTIONS



RECOMM. LAND PATERN



OUTLINE DRAWING



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