

FEATURES

- TIGHT TOLERANCE / TIGHT STABILITY AVAILABLE
- HIGH RELIABILITY FOR LOW COST
- LOW PROFILE - 0.45 MM PACKAGE HEIGHT
- ULTRA MINIATURA SIZE AND LIGHTWEIGHT
- EXCELLENT CLOCK SIGNAL GENERATOR FOR CPU'S



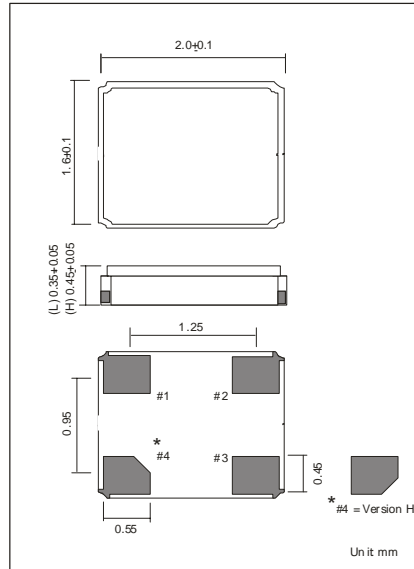
ULTRA-MINI-SMD-CRYSTAL SERIES		SMD02016/4	
FREQUENCY RANGE		24.0 ~ 36.0 MHz	36.0 ~ 50.0 MHz
MODE OF VIBRATION		AT-FUNDAMENTAL	
RESONANCE RESISTANCE		100 Ω max.	60 Ω max.
FREQUENCY TOLERANCE AT 25°C		+10 ppm ~ +50 ppm	
WORKING TEMPERATURE RANGE		-10/+60°C ~ -30/+85°C	
TEMPERATURE STABILITY	+8 ppm	-10/+60°C / 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

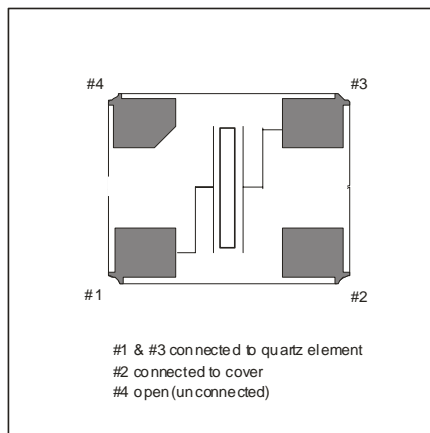
EXAMPLE	SMD02016/4-H 40.000 MHz 10/15/-30+85/10pF
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TYPE	SMD02016/4
PACKAGE HEIGHT	H = 0,45 mm
	L = 0,35 mm
FREQUENCY	IN MHZ
FREQUENCY TOLERANCE AT 25°C	REQUIRED VALUE
TEMPERATURE STABILITY	REQUIRED VALUE
TEMPERATURE RANGE	REQUIRED VALUE
LOAD CAPACITANCE	REQUIRED VALUE

OUTLINE DRAWING



INTERNAL CONNECTIONS



RECOMMENDED LAND PATTERN

