

SMD QUARTZ CRYSTAL SERIES SMD01612

FEATURES

- Tight tolerance / tight stability available
- High reliability for low cost
- Low profile – 0.35 mm package height
- Ultra miniature size and light weight
- Excellent clock signal generator for CPU's

Pb free
 RoHS-2 2011/65/EU
 compliant

GENERAL DATA

SMD-CRYSTAL SERIES	SMD01612/4	(1.6x1.2x0.35mm)
NUMBER OF SOLDER PADS	4	
FREQUENCY RANGE	32.0 ~ 52.0 MHz AT-Fundamental	
FREQUENCY TOLERANCES AT 25°C	±10 ppm ~ ±50 ppm	
LOAD CAPACITANCE (C _L)	Series, 8 pF, 10 pF, 12 pF (other C _L on request)	
WORKING TEMPERATURE RANGES	-10/+60°C ~ -30/+85°C	
SHUNT CAPACITANCE C ₀	7 pF max.	
DRIVE LEVEL	10 µW typical (100 µW max.)	
AGING	±2 ppm per year standard	
EQUIVALENT SERIES RESISTANCE (ESR)	32.0 ~ 40.0 MHz = 150 Ω 40.0 ~ 52.0 MHz = 100 Ω	
INSULATION RESISTANCE	>500 MΩ DC/100V ±10%	
STORAGE TEMPERATURE	-40°+85°C	
DELIVERY FORM	Tape and Reel (3.000 pcs reel)	

OTHER PARAMETERS ARE AVAILABLE ON REQUEST / CREATE HERE YOUR SPECIFICATION

FREQUENCY STABILITY VS. TEMPERATURE

	±8ppm	±12ppm	±15ppm	±20ppm	±30ppm	±50ppm
-10°/+60°C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0°/+70°C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-20°/+70°C		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-30°/+85°C			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

CRYSTALS
OSCILLATORS
CERAMIC RESONATORS

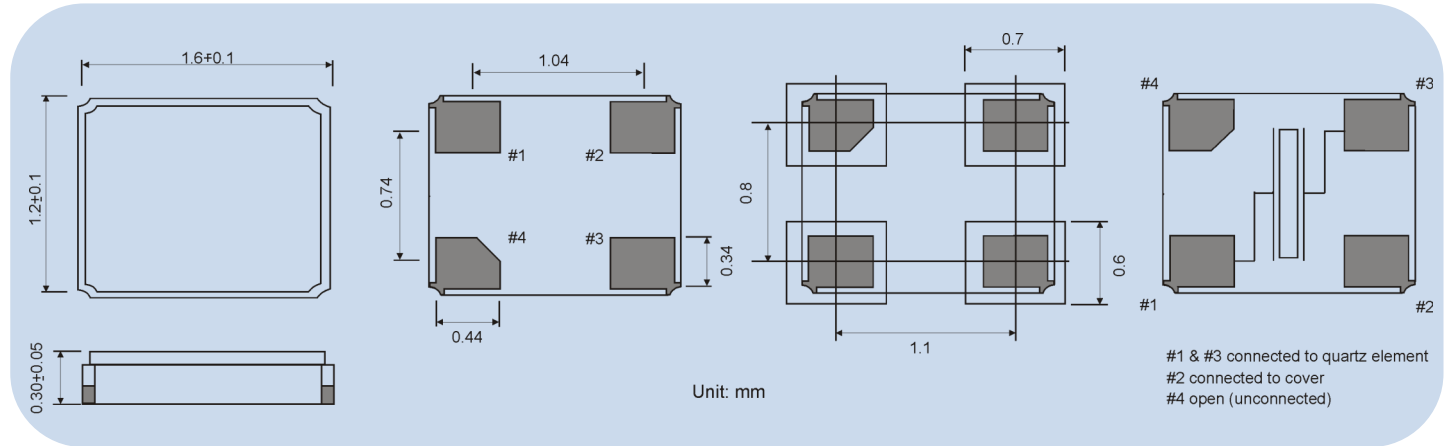


Premium Quality by
PETERMANN-TECHNIK

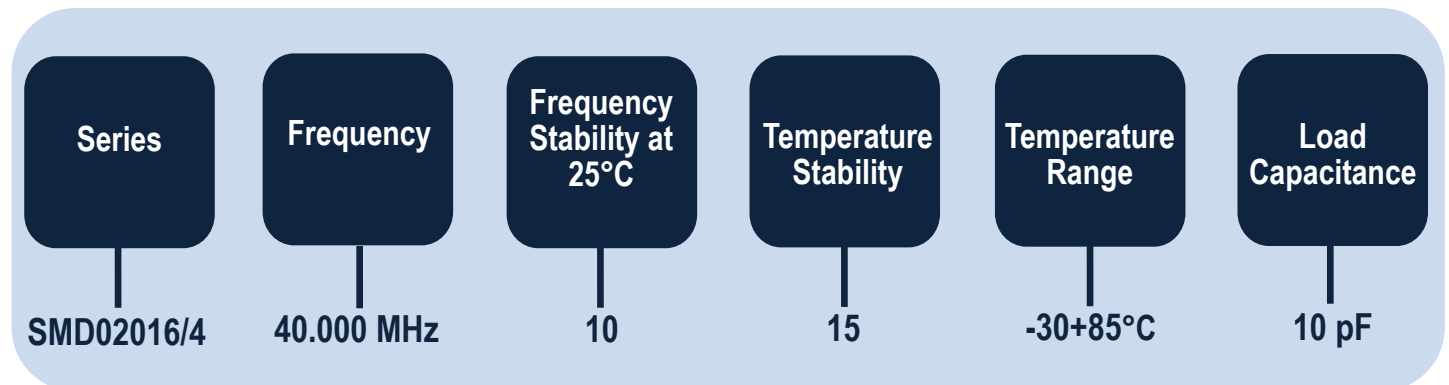
CERAMIC FILTERS
SAW COMPONENTS

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DIMENSIONS



ORDERING INFORMATION



CRYSTALS
OSCILLATORS
CERAMIC RESONATORS

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