

# FEATURES

PETERMANN

TECHNIK

Time & Frequency Components

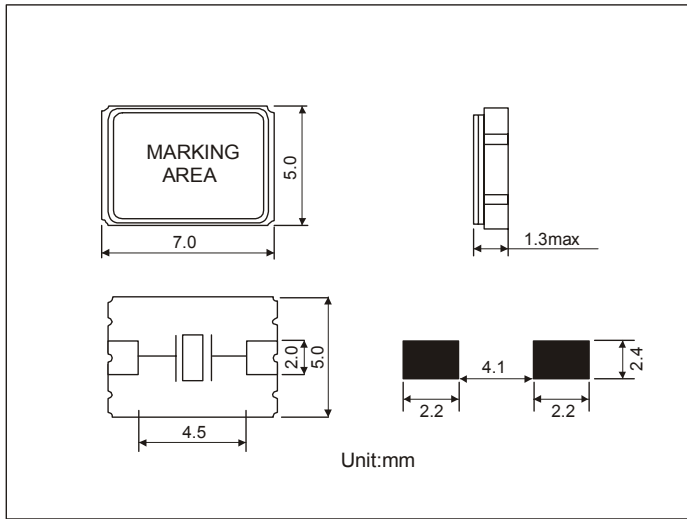
- HIGH RELIABILITY FOR LOW COST
- LOW PROFILE - 1.3 MM MAX. PACKAGE HEIGHT
- EXTENDED TEMPERATURE RANGE TO -40/+105°C POSSIBLE
- TUNABLE WITH EXTERNAL CAPACITY
- CHEAPEST AVAILABLE SMD-CRYSTAL IN CERAMIC PACKAGE
- EXCELLENT CLOCK SIGNAL GENERATOR FOR CPU'S
- QUALIFIED FOR QUOTMOTIVE APPLICATIONS

<b>PROCESSOR TYPE</b>		<b>AD6484</b>
<b>SERIES</b>	<b>SMD0507/2</b>	2 SOLDER PADS
	<b>SMD0507/4</b>	4 SOLDER PADS # 1 AND 3 CONNECTED // # 2 AND 4 GROUND
<b>FREQUENCY</b>		35.328 MHz
<b>MODE OF VIBRATION</b>		AT-FUNDAMENTAL
<b>RESONANCE RESISTANCE</b>		30 Ω MAX.
<b>FREQUENCY TOLERANCE AT 25°C</b>		+30 PPM
<b>TEMPERATURE RANGE</b>		0/+70°C
<b>TEMPERATURE STABILITY</b>		+30 PPM
<b>LOAD CAPACITANCE</b>		15 PF
<b>SHUNT CAPACITANCE C0</b>		6.5 PF MAX.
<b>MOTIONAL CAPACITANCE C1</b>		15 fF MIN.
<b>DRIVE LEVEL</b>		0.1 mW
<b>AGING</b>		+3 ~ +5 PPM PER YEAR (+1 PPM PER YEAR POSSIBLE)
<b>INSULATION RESISTANCE</b>		>500 MΩ DC/100V +-10%
<b>STORAGE TEMPERATURE</b>		-40/+105°C
<b>PACKAGE</b>		TAPE AND REEL (1.000 PCS PER REEL)
<b><u>OTHER PARAMETERS ARE AVAILABLE ON REQUEST / CREATE HERE YOUR SPECIFICATION</u></b>		

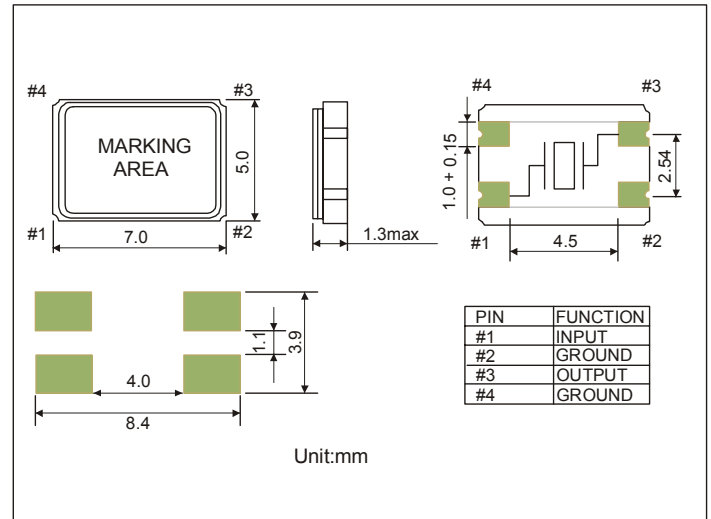
## PART NUMBERING SYSTEM

<b>EXAMPLE</b>	SMD0507/4 35.328 MHz AD6484
<b>PACKAGE VERSION</b>	SMD0507/2 OR SMD0507/4
<b>FREQUENCY</b>	IN MHZ
<b>PROCESSOR TYPE</b>	AD6484

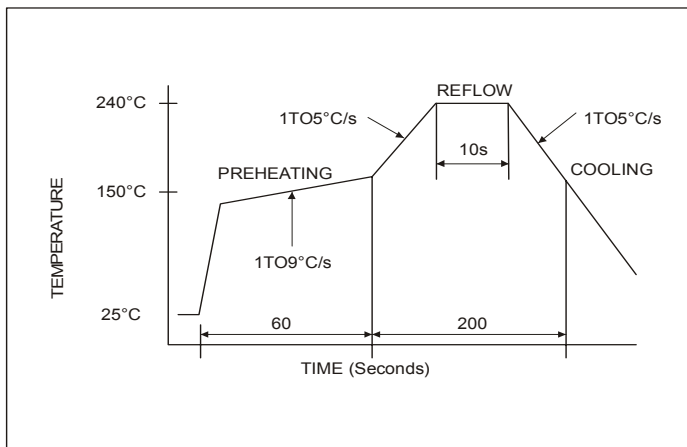
### OUTLINE DRAWING OF SMD0507/2



### OUTLINE DRAWING OF SMD0507/4



### REFLOW SOLDER PROFILE



### TAPING SPECIFICATION

