FREQUENCY



TEMEX

QEFS45M0B30

SMD Monolithic Crystal Filter – 45.000 MHz

Specification (Rev-B)

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- Test Circuit P02
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SMD Monolithic Crystal Filter – 45.000 MHz

Specification (rev-B)

November 5th , 2005

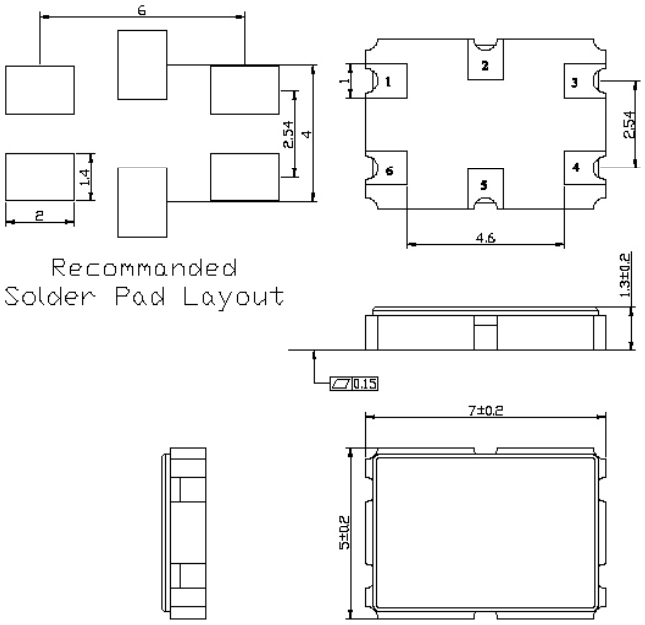
Electrical Characteristics

Electrical Parameters	Unit	Minimum	Typical	Maximum	Test conditions
Nominal Frequency	MHz		45.000		
Insertion Loss	dB			3	
Pass Band at 3.0dB	KHz	±14			
Ripple in pass band	dB			1	
Stop Band attenuation at 20 dB	KHz			±30	
Spurious Response	dB	35			
Terminating Impedance	KΩ//pF		800±5% // 1.2±0.2	-	
Number of Poles			4 Single SMD Package		

Environmental Specifications

Electrical Parameters	Unit	Minimum	Typical	Maximum
Operating Temperature	°C	-20		+60

Mechanical Characteristics



Pin Connections	
# 1	In
# 2	Coupling Capacitance
# 3	Gnd
# 4	Out
# 5	Coupling Capacitance
# 6	Gnd

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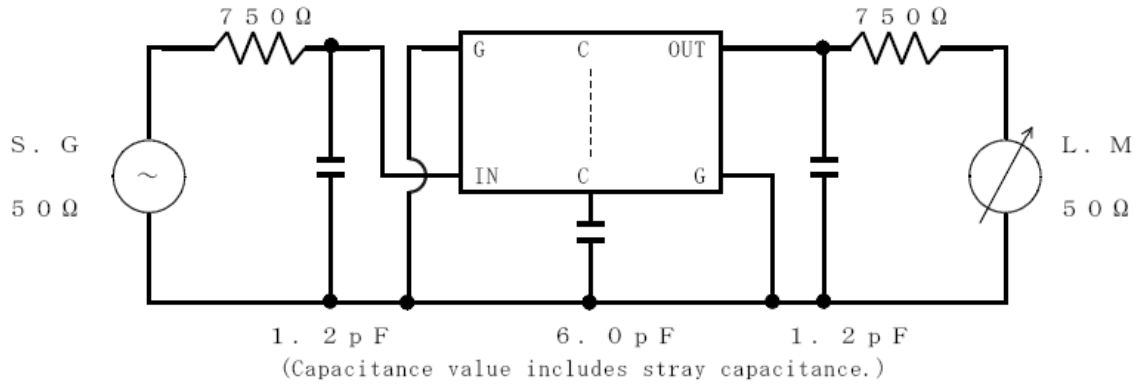
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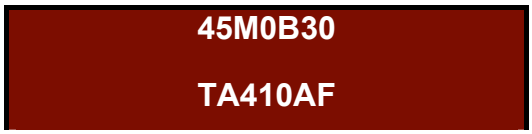
November 5th , 2005

Test Circuit 4 Poles Mono



Marking

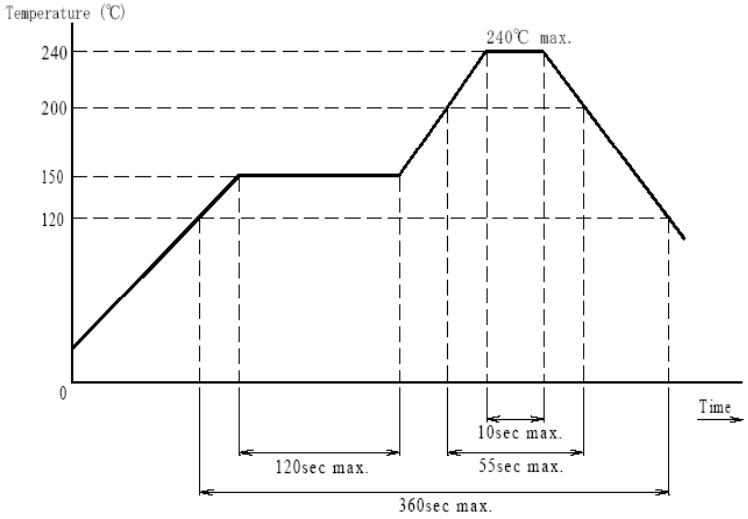
IN



OUT

- 45M0B30: Temex P/N
- TA: Temex name
- 0410: Date code (YYWW)
- AF : Manufacturing Code

Reflow Soldering Profile



Reflow soldering:
two times max

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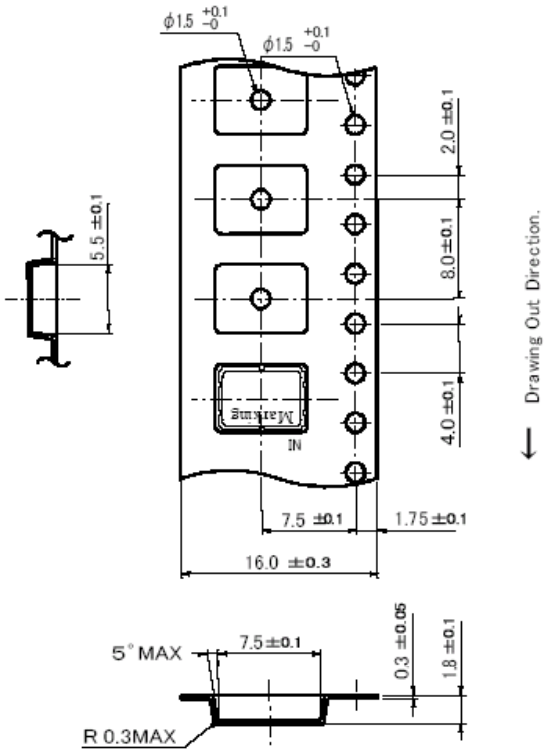
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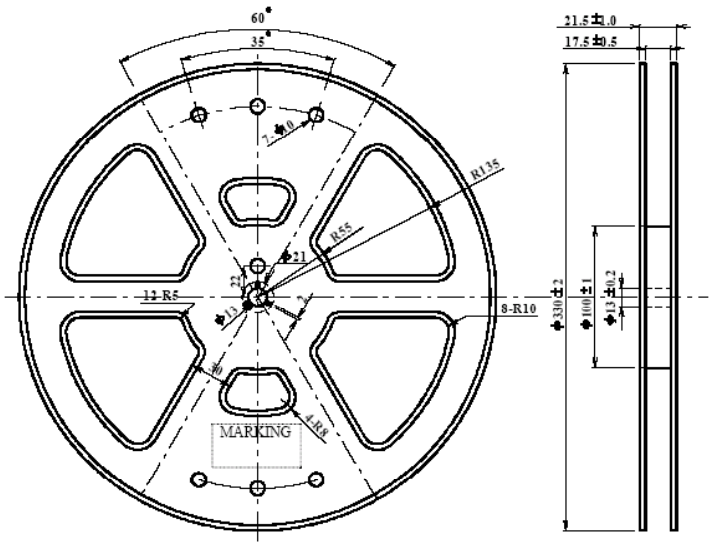
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Tape & Reel





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