Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

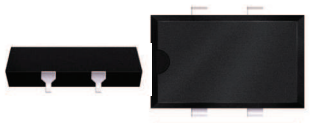
Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832
Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

3.3 V HCMOS/ TTL, J LEADED, PLASTIC MOLDED SURFACE MOUNT CRYSTAL CLOCK OSCILLATOR

ASML SERIES

RoHS Compliant



14.0 x 8.95 x 4.7 mm

The 14x9.8mm plastic package oscillator is not recommended for new designs. Please consider our reduced size ceramic or plastic molded SMD packages. Recommended series include ASL, ASV, ASVM, ASFL, ASFLM, ASE, ASEM .
Product Life Cycle: Declining, Planned EOL/Obsolescence pending 12/31/2011

FEATURES:

- Industry standard J-Leaded terminals.
- Plastic molded SMD, suitable for RoHS compliant reflow
- Tristate Enable/Disable.
- HCMOS output.
- 3.3Vdc operation.
- Extended temperature -40°C to +85°C option.

APPLICATIONS:

- Provide clock signals for microprocessors and digital circuits.
- Communication equipment, AV and OA equipment

STANDARD SPECIFICATIONS:

Parameters		Minimum	Typical	Maximum	Units	Notes
Frequency Range:		1.0	-----	106.25	MHz	
Operating Temperature:		0	-----	+70	°C	See options
Storage Temperature:		-55	-----	+125	°C	
Overall Frequency Stability*:		-100	-----	+100	ppm	See options
Supply Voltage (Vdd):		2.97	3.3	3.63	V	
Supply Current (I_{dd}):		-----	-----	15	mA	F ≤ 20 MHz
		-----	-----	35		F ≤ 70 MHz
		-----	-----	60		F ≤ 106.25 MHz
Output Load		-----	-----	15	pF	
		-----	-----	10	TTL	
Output Voltage:	V_{OH}	0.9*Vdd	-----	-----	V	
	V_{OL}	-----	-----	0.1*Vdd	V	
Tri-state function :		"1" (VIH≥2.2V) or Open: Oscillation "0" (VIL<0.8V) : Hi Z				
Aging:		-5.0	-----	+5.0	ppm	@+25°C First year
Symmetry:		40	-----	60	%	@1/2Vdd (See options)
Start-up Time :		-----	-----	10	ms	
Rise/Fall Time (Tr/Tf):		-----	-----	5	ns	
Period jitter one sigma :		-----	-----	25	ps	

OPTIONS AND PART IDENTIFICATION

(Left blank if standard)

ASML - [ ] MHz - [ ] - [ ] - [ ] - [ ]

Frequency in MHz
Please specify the frequency in MHz. e.g. 14.31818MHz

Operating Temp. Range
D: -10°C to +60°C
E: -20°C to +70°C
F: -30°C to +70°C
N: -30°C to +85°C
L: -40°C to +85°C

Overall Freq. Stability
R: ±25ppm
K: ±30ppm
C: ±50ppm

Symmetry
Blank: 40/60% @1/2Vdd
S: 45/55% @1/2Vdd
S1: 45/55% @1.4Vdc

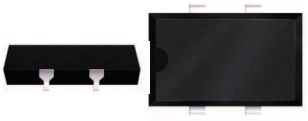
Packaging
Blank: Bulk
T: 1000pcs/reel

30332 Esperanza, Rancho Santa Margarita, California 92688
tel 949-546-8000 | fax 949-546-8001 | www.abracon.com

3.3 V HCMOS/ TTL, J LEADED, PLASTIC MOLDED SURFACE MOUNT CRYSTAL CLOCK OSCILLATOR

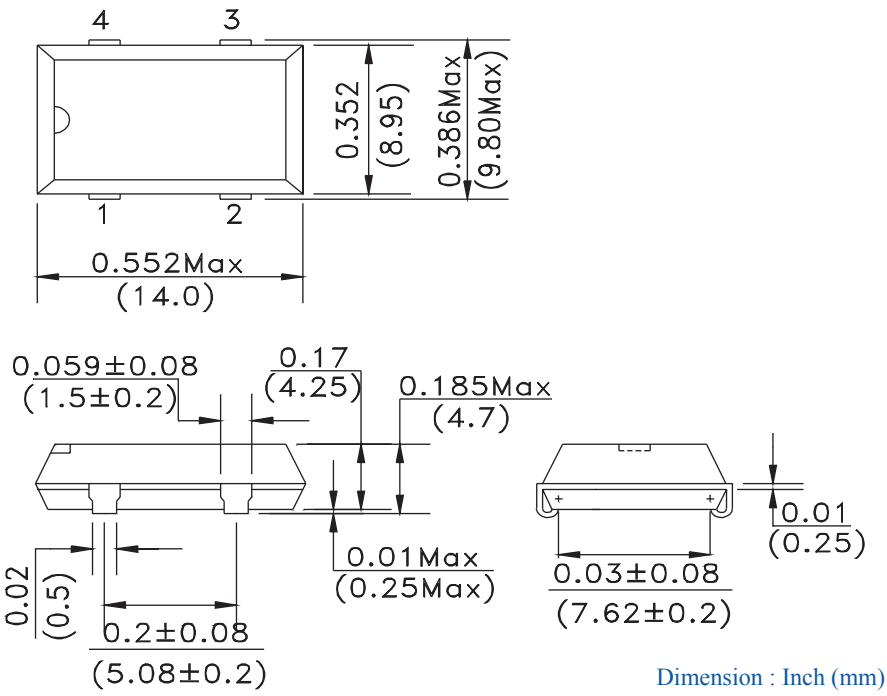
ASML SERIES

RoHS Compliant



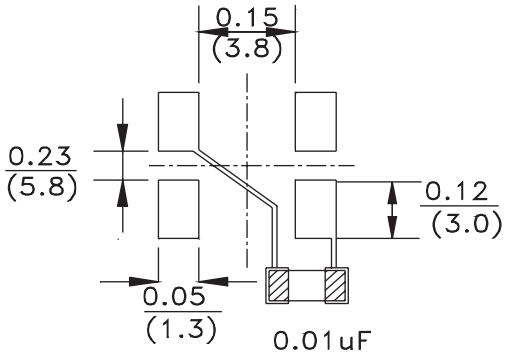
14.0 x 8.95 x 4.7 mm

OUTLINE DRAWING:



Dimension : Inch (mm)

Recommended land pattern

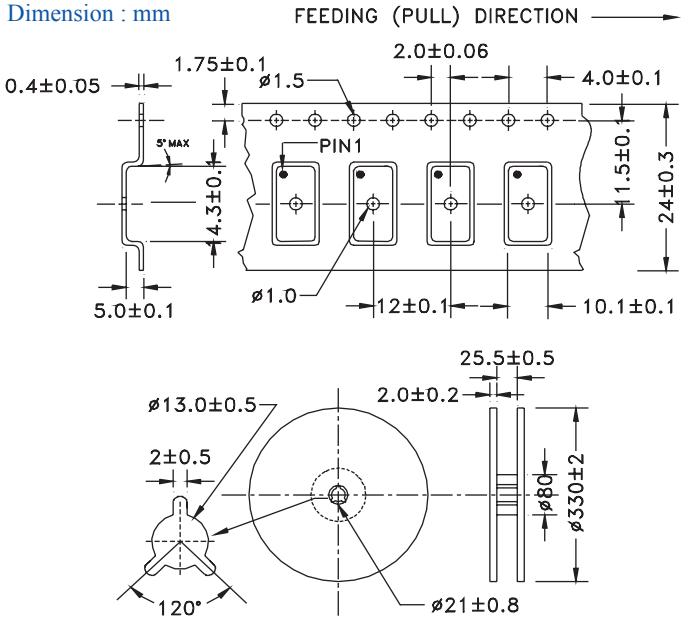


PIN	FUNCTION
1	Tristate
2	GND/Case
3	Output
4	Vdd

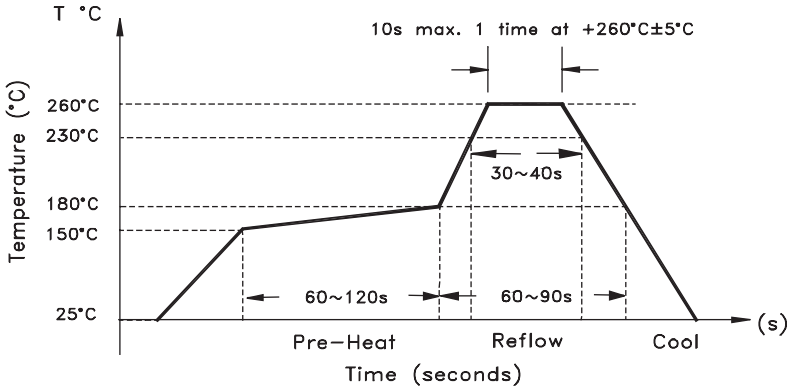
Note: Recommend using an approximately 0.01uF bypass capacitor between pin 2 and 4.

TAPE AND REEL: T= tape and reel (1,000pcs/reel)

Dimension : mm



REFLOW PROFILE:



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