

PROGRAMMABLE HCMOS / TTL SMD CLOCK OSCILLATOR

ASVP SERIES



7.0 x 5.0 x 1.6 mm



RoHS
Compliant

FEATURES:

- IR reflow capable
- Quick delivery within one to five days for small quantities.
- Tri-state E/ D or Stand-By function.
- Seam sealed

APPLICATIONS:

- Clocks for a wide range of applications.

For Small
Quantities,
Delivery Time
is 1-5 days

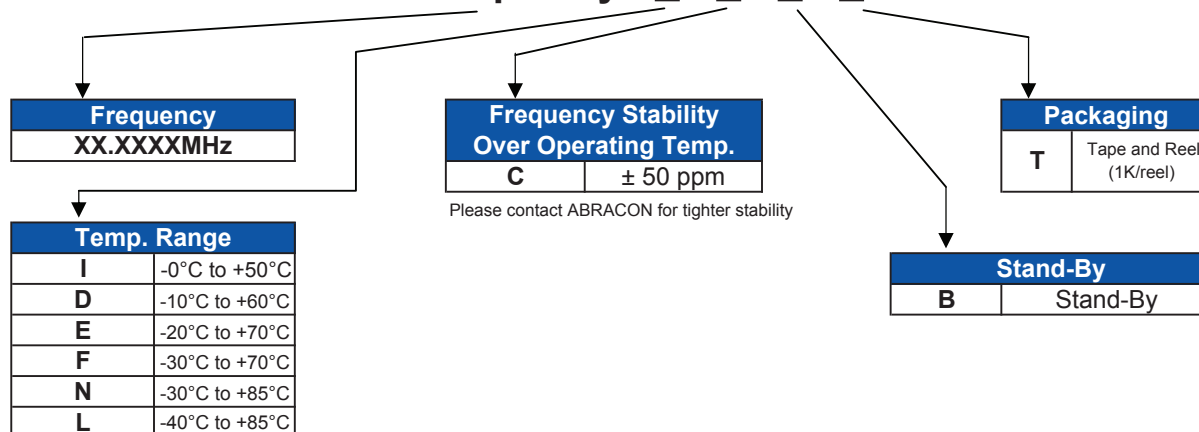
STANDARD SPECIFICATIONS:

PARAMETERS	
ABRACON P/N:	ASVP Series
Frequency range:	1.000000 MHz to 133.000000 MHz
Operating temperature:	- 20° C to + 70° C (see options)
Storage temperature:	- 55° C to + 125° C
Overall frequency stability:	± 100 ppm max. (see options)
Supply voltage (Vdd):	3.3 Vdc ± 10%
Input current:	50 mA max.
Symmetry at 1/2Vdd:	45/55 % max.
Rise and fall time (Tr/Tf):	4 ns max.
Output load:	15pF max.
Output voltage:	VOH = 0.7 * Vdd min. VOL = 0.2 Vdc max.
Start-up time:	10 ms max.
Tristate function :	"1" (VIH = 0.7 V min) or open: Oscillation "0" (VIL = 0.2 V max) : Hi Z
Disable current:	15mA max.
Stand-by current (option -B):	20µA max.
Jitter peak-to-peak:	± 250ps max. for F<=40MHz, ±90ps typ. ± 100ps max. for F>40MHz, ±50ps typ.
RMS Jitter:	± 50ps max. for F<=40MHz, ± 25ps typ. ± 40ps max. for F>40MHz, ± 20ps typ.

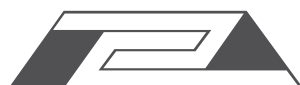
OPTIONS & PART IDENTIFICATION:

(Left blank if standard)

ASVP-Frequency - □ - □ - □ - □



ABRACON IS
ISO 9001 / QS 9000
CERTIFIED



ABRACON
CORPORATION

Visit www.abracon.com for Terms & Conditions of Sale Revised: 08.25.09

30332 Esperanza, Rancho Santa Margarita, California 92688

tel 949-546-8000 | fax 949-546-8001 | www.abracon.com

PROGRAMMABLE HCMOS / TTL SMD CLOCK OSCILLATOR



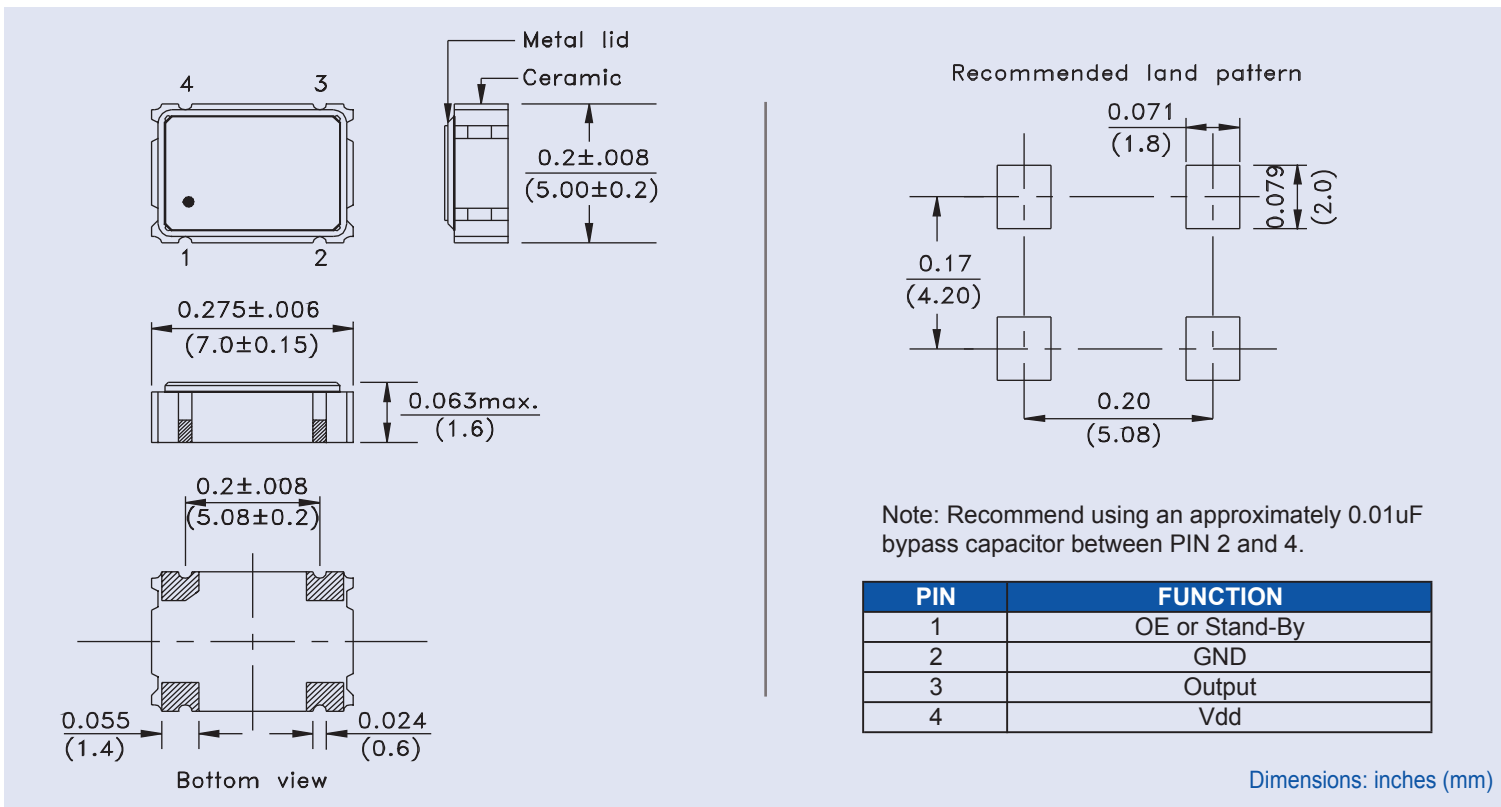
7.0 x 5.0 x 1.6 mm

ASVP SERIES



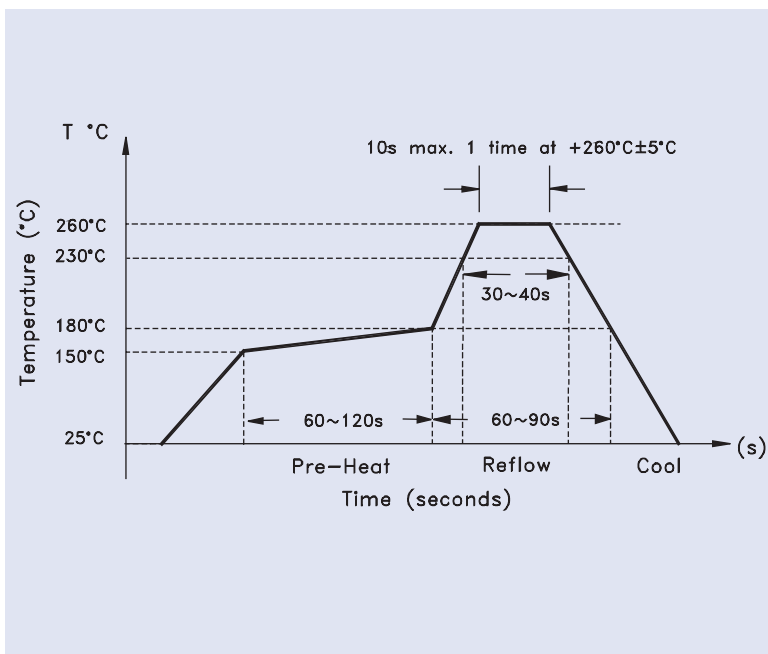
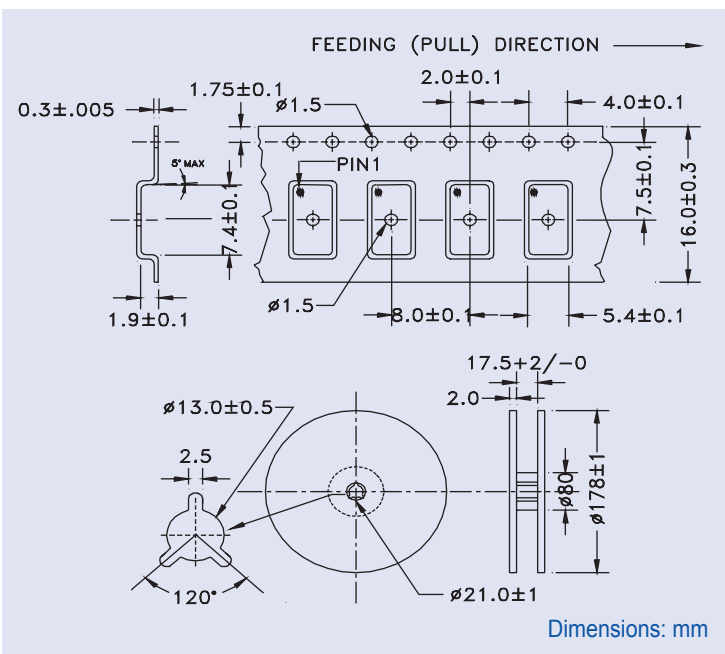
RoHS
Compliant

OUTLINE DRAWING:



TAPE & REEL: T= tape and reel [1,000pcs/reel]

REFLOW PROFILE



NOTE: Abracon manufactured products are intended for general commercial and industrial use. For applications requiring high reliability and/or presenting extreme operating environment, written consent & authorization from Abracon is required.

ABRACON IS
ISO 9001 / QS 9000
CERTIFIED



Visit www.abracon.com for Terms & Conditions of Sale **Revised: 08.25.09**

30332 Esperanza, Rancho Santa Margarita, California 92688

tel 949-546-8000 | fax 949-546-8001 | www.abracon.com