

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Abracon Corporation](#)
[ASVK-32.768KHZ-LJT](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

32.768kHz CERAMIC SMD CRYSTAL OSCILLATOR

ASVK



FEATURES:

- Industrial operating temperature range available
- CMOS output
- Small surface mount package
- Compact and low in height

APPLICATIONS:

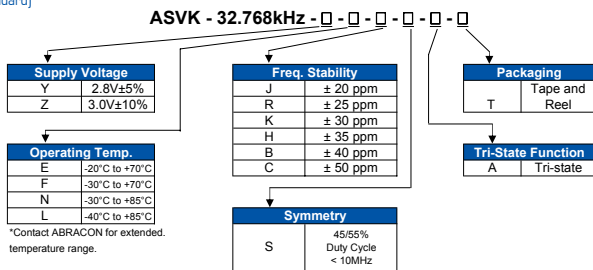
- Real time clocks
- System References

STANDARD SPECIFICATIONS:

| PARAMETERS | |
|-----------------------------|--|
| ABRACON P/N | ASVK Series |
| Frequency Range | 32.768kHz |
| Operating Temperature | 0°C to +70°C (See options) |
| Storage Temperature | -55°C to +125°C |
| Frequency Tolerance at 25°C | ± 100ppm max. (See options) |
| Supply voltage (Vdd) | 3.3 Vdc ± 10% (see options) |
| Input Current | 7mA max |
| Output load | 15pF or 10TTL |
| Output voltage | VOH = 0.9*Vdd min.; VOL = 0.1*Vdd max. |
| Rise and fall time (Tr/Tf) | 250ns max. |
| Start-up time | 30 ms max. |
| Output type | HCMOS |
| Aging: | ± 5ppm/year max. @ 25°C |
| Symmetry(Duty Cycle) | 40/60% (see options) |
| Tri-state function | Logic "1" (2.0V min) or open = OSC Logic"0" (0.8V max) = Hi Z output disabled |

OPTIONS & PART IDENTIFICATION:

(Left blank if standard)

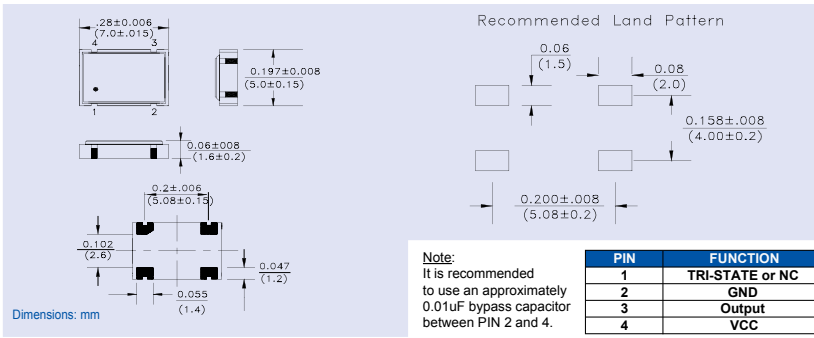


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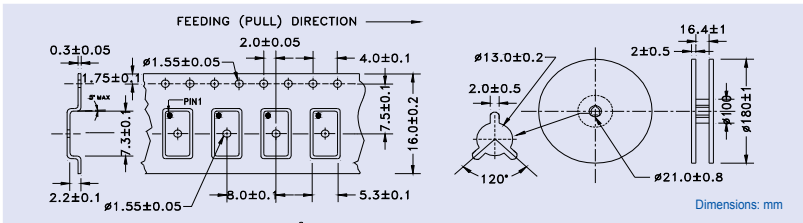
ASVK



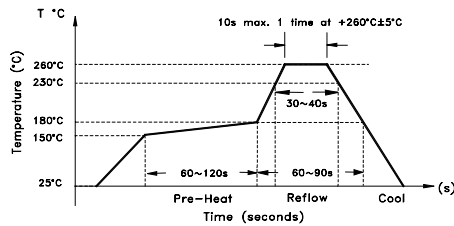
OUTLINE DRAWING:



TAPE & 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: 08.07.09**
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