

LOW FREQUENCY REFLOWABLE CYLINDRICAL WATCH CRYSTAL

AB26TRJ

RoHS
Compliant



8.3 x 2.7mm

FEATURES:

- Formed leads for low cost SMD type
- Excellent shock resistance
- IR reflow capable
- Low cost for consumer applications

APPLICATIONS:

- Real time clock
- Measuring instruments
- Blue-tooth and wireless applications

STANDARD SPECIFICATIONS:

PARAMETERS

ABRACON P/N	AB26TRJ Series
Frequency Range	32.768kHz / 25kHz to 200kHz
Operating Temperature	-40°C to + 85°C
Turn-over Temperature	+25°C to $\pm 5^\circ\text{C}$
Storage Temperature	-55°C to +125°C
Frequency Tolerance	± 20 ppm max. for 32.768KHz / ± 30 ppm max. for 25kHz to 200kHz
Frequency Stability	$-0.034 \pm 0.006\text{ppm}/^\circ\text{C}^2$
Equivalent Series Resistance	40kohms max. (32.768kHz / 25kHz to 200kHz)
Shunt Capacitance C0	1.1pF typ. For 32.768kHz / 0.8 to 1.7pF for 25kHz to 200kHz
Load Capacitance CL	12.5pF (see options)
Quality Factor	70,000 typ. for 32.768kHz / 70,000 to 100,000 for 25kHz to 200kHz
Drive Level	1 μW max.
Aging at 25°C first year	± 3 ppm max. for 32.768kHz / ± 5 ppm max. for 25kHz to 200kHz
Insulation Resistance	500 MW min. at 100 Vdc $\pm 15\text{V}$

OPTIONS & PART IDENTIFICATION:

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AB26TRJ - Frequency - -

Load Capacitance

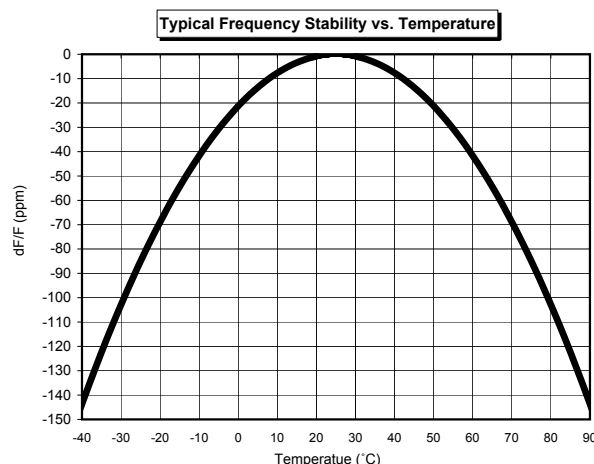
Please specify load cap.
in pF (ex: 6pF)

Available: From 6 pF to Series

Packaging

Blank	Bulk
T	Tape and Reel

TUNING FORK CRYSTAL TEMPERATURE CURVE



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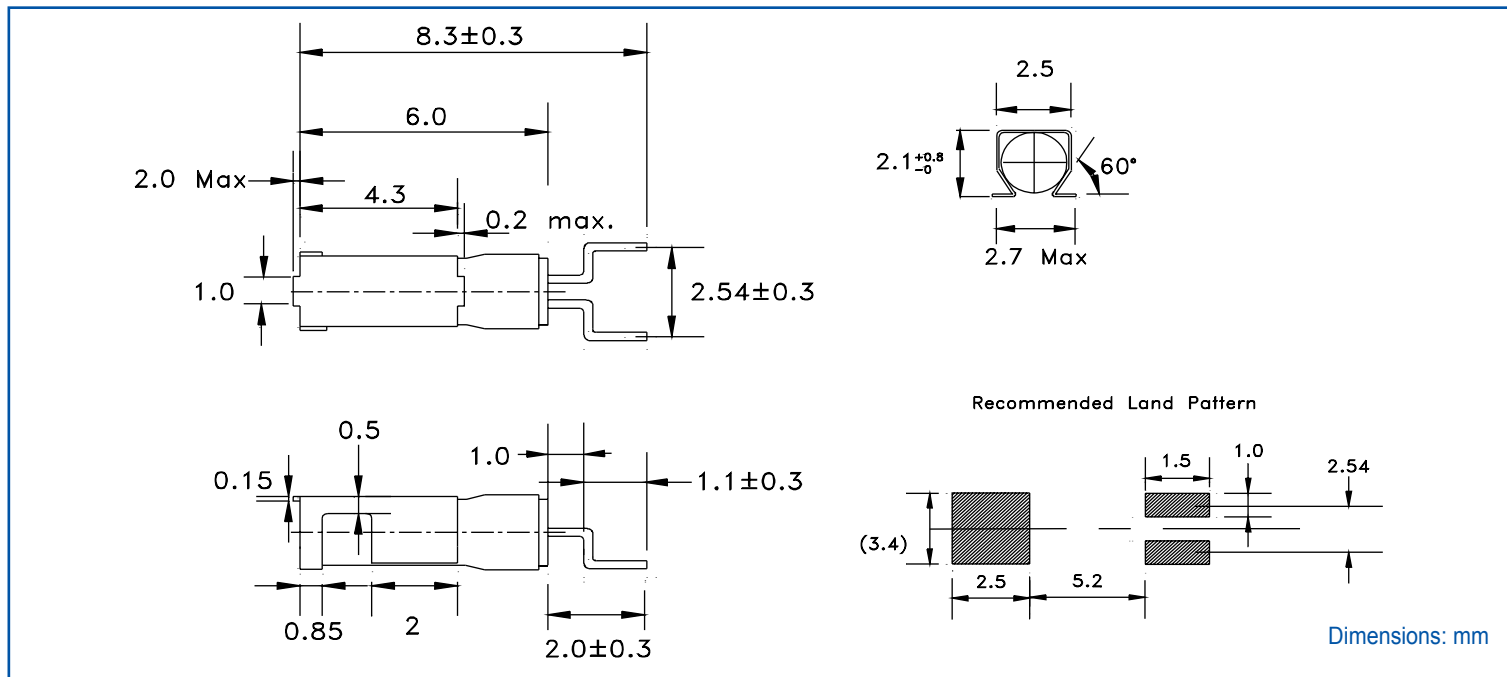
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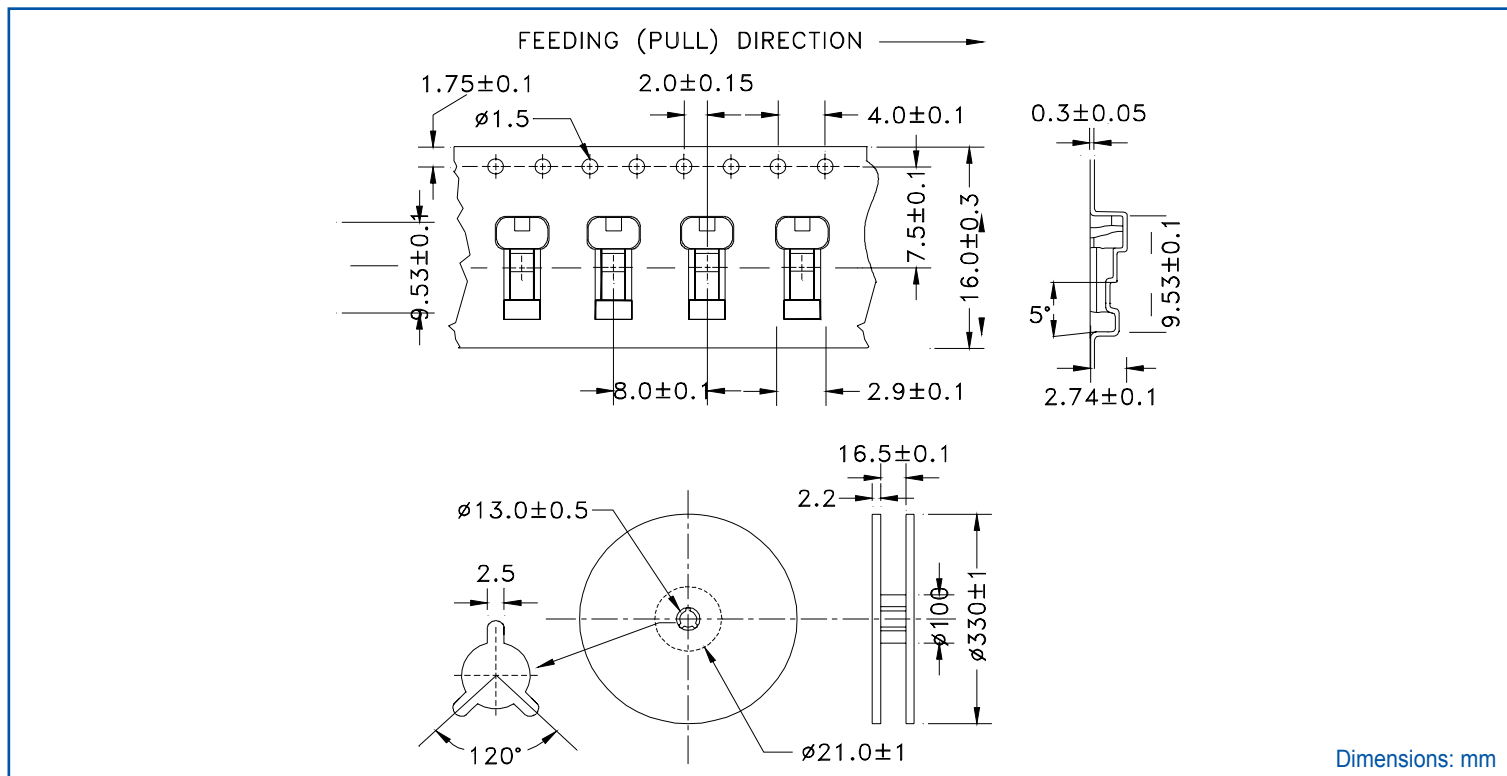


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➤ OUTLINE DRAWING:



➤ TAPE & REEL: Tape and reel 3,000pcs/reel



ATTENTION: Abracon Corporation's products are COTS – Commercial-Off-The-Shelf products; suitable for Commercial, Industrial and, where designated, Automotive Applications. Abracon's products are not specifically designed for Military, Aviation, Aerospace, Life-dependant Medical applications or any application requiring high reliability where component failure could result in loss of life and/or property. For applications requiring high reliability and/or presenting an extreme operating environment, written consent and authorization from Abracon Corporation is required. Please contact Abracon Corporation for more information.

ABRACON IS
ISO9001:2008
CERTIFIED



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