

TTL/CMOS SURFACE MOUNT CRYSTAL OSCILLATORS VOLTAGE-CONTROLLED TEMPERATURE-COMPENSATED ASTX-03H and ASVTX-03H

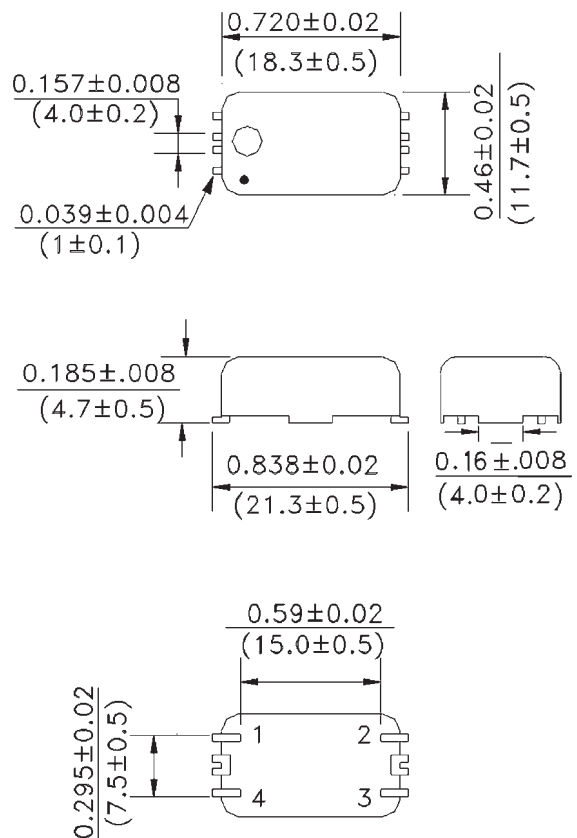
FEATURES:

- Compact and low in height.
- Suitable for high-density SMT.
- SMD makes reflow soldering possible.
- Low current consumption.
- Vc function corresponds to PLL circuits.

APPLICATIONS:

- Cellular and Cordless Phones
- Standard OSC for Exact Equipment.
- Mobile Communication Equipment.
- Portable Radio Equipment.

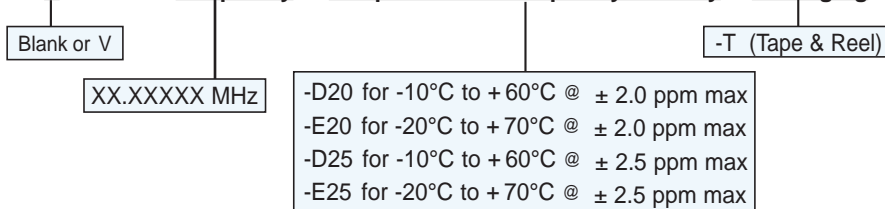
STANDARD SPECIFICATIONS	
PARAMETERS	ASTX-03H & ASVTX-03H
Frequency Range (F ₀)	2.0 MHz - 25.00 MHz
Operating Temperature (T _{OPR})	-30°C to +75°C (See Options)
Storage Temperature (T _{STO})	-40°C to +85°C
Frequency Stability (DF/F ₀)	
-vs- 25°C	±0.5 ppm max.
-vs- Temperature	±2.5 ppm max. (See Options)
-vs- Aging	±1 ppm per year max.
-vs- Supply Voltage	±0.2 ppm max.
Supply Voltage (V _{DD})	5 Vdc ± 5%
Input Current (I _{DD})	20 mA max.
Output Load	2TTL or 15 pF
Output Voltage (V _{oh})	0.9 x V _{DD} min.
(V _{ol})	0.5 VDC max.
Transfer Function	Positive
Voltage Control (V Series) (V _c)	2.5V ± 2 VDC
Frequency Pulling (V Series)	± 5 ppm min, ± 12 ppm max
Frequency Adjustment (Internal Trimmer)	± 3 ppm min.



Environmental and mechanical specifications, Group 4.
Tape and Reel, (1,000 pcs./reel)
Please call us for other frequencies.

ORDERING OPTIONS

ASXTX-03H - Frequency - Temperature & Frequency Stability - Packaging



PIN NO.	FUNCTION
1	NC or V _c (*)
2	GND / Case
3	Output
4	V _{DD}

(*) For ASVTX-03H



NOTE: Left blank if standard • All specifications and markings subject to change without notice

29 Journey • Aliso Viejo, CA 92656 • USA
(949) 448-7070 • FAX: (949) 448-8484

E-MAIL: abinfo@abracon.com • INTERNET ADDRESS: www.abracon.com

ABRACON IS
ISO 9001 / QS 9000
CERTIFIED