

RFM Integrated Device, Inc.

PRODUCT SPECIFICATION

Part Number: XTC4022

TCXO,32.768KHz +/-1.5ppm @ 25C +/-3C

Features:

- Miniature SMD Package
- Moisture Sensitivity Level (MSL) : Level-2

Description and Applications:

Surface mount 2.1mmx1.3mm TCXO

Electrical Specifications:



RoHS compliant

Aging	+/-3 ppm per years
Tri-State Enable Voltage (High) Disable Voltage (Low) output Tri-state Open	80% Vdd min 20% Vdd max Forbidden

Mechanical Dimensions (mm):



Marking:



A : Nominal Frequency 32.768KHz

- 8 : Year code : 8 for 2018
- 16X : Traceability code





	А	В	С	D	Е	F	н	G	T2	T1	Т3
Dimensions	180	60	13.0	2.0	9.1	2.9	3.9	4.9	11.4	9.0	1.2
Tolerance	±1.0	+1.0	±0.2	±0.5	±0.5	±0.5	±0.5	±0.5	±1.0	±0.3	±0.1

2. Tape Dimension



Reflow Profile:



Notes of the Usage:

- 1. Touch the solder iron at 260+/-5 deg C onto the leads for 10+/-2 sec max or touch the solder at 350+/-5 deg C onto the leads for 3+/-0.5 sec.
- 2. In the customer's reflow process, if it will remain some mechanical stress at the soldering terminals, also make some cracks on the soldering termination. Some cracks will cause open or short circuit and cause of thermal increasing or smoking. Don't make any excess mechanical stress to soldering points.
- 3. In case of giving a heavy shock to the products, it may make an open or short circuit and cause of thermal increasing and smoking. To avoid heavy shock impact applying to products is strictly required.

Notes of the Storage:

- To keep products under the condition at the room temperature (-5~35 deg C) with normal humidity (45~75%). Absorption of moisture and dewdrop may make inferiority of characteristics and a short circuit.
- 2. Oxidization of terminals shall make the solderability more inferior. Dusts and corrosive gas will make a cause of the open or short circuit. Keep it in the clean place where is not in dusty and no corrosive gas.
- 3. Use the unti-static material to the storage package.
- 4. Don't put any excess weight to the VCTCXO in the storage process.