

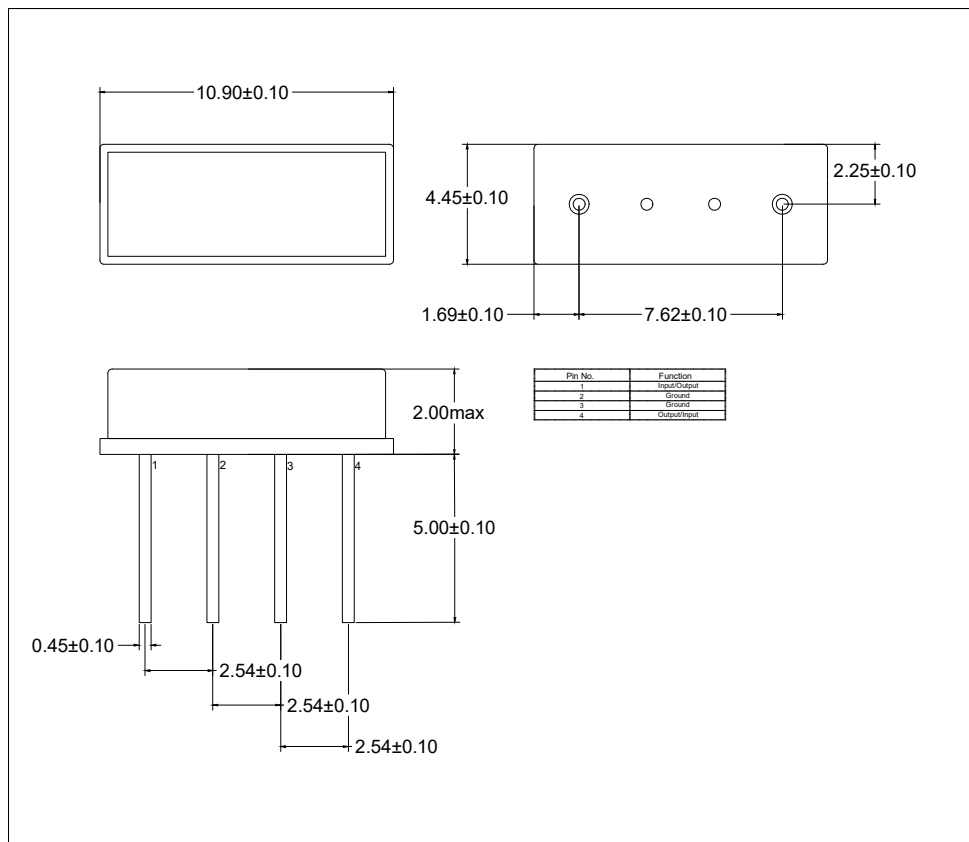
Revision Record

Revision Number	Date	Description
FTR433.92M50-F11_Rev1.0	2024-05-28	Revision 1.0

1. Features

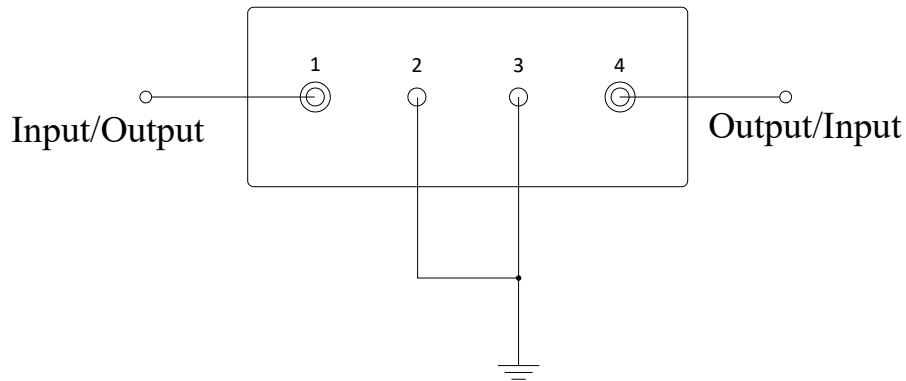
- 1-port SAW resonator
- Ceramic package for Surface Mounted Technology (SMT)
- Lead-free production and RoHS Compliant
- Electrostatic Sensitive Device(ESD)
- Moisture Sensitivity Level 2

2. Package Dimension(Unit: mm)



Pin Configuration	
1	Input/Output
4	Output/Input
2, 3	To Be Ground

3. Measurement Circuit



4. Maximum Ratings

Rating		Value	Unit
RF Input Power	P	10	dBm
DC Voltage	V _{DC}	10	V
AC Voltage	V _{PP}	10V 50Hz/60Hz	V
Operating Temperature Range	T _A	-40 ~ +85	°C
Storage Temperature Range	T _{stg}	-45 ~ +85	°C
ESD Voltage(MM)	V _{MM}	50	V
ESD Voltage(HBM)	V _{HBM}	175	V

5. Electrical Specification

Item	Frequency Range	Characteristics			Unit
		min.	typ. ¹	max.	
Center Frequency	Absolute Frequency	433.845	433.920	433.995	MHz
	Tolerance from 433.920MHz	-	±50	-	kHz
Insertion Loss	Min.	-	1.5	2.2	dB
Anti-resonance	-	24	25	-	dB

1. Typical value at 25±2deg.C

6. Typical Frequency Characteristics

