

SAW Filter 387.5 MHz

MODEL NO.: TA0964B

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC voltage: 3 V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -40°C to +85°C

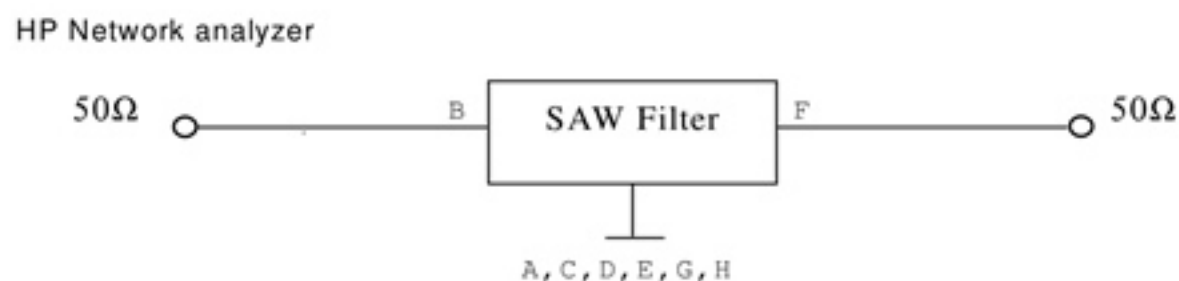
RoHS Compliant
Lead free
Lead-free soldering

Electrostatic Sensitive Device (ESD)

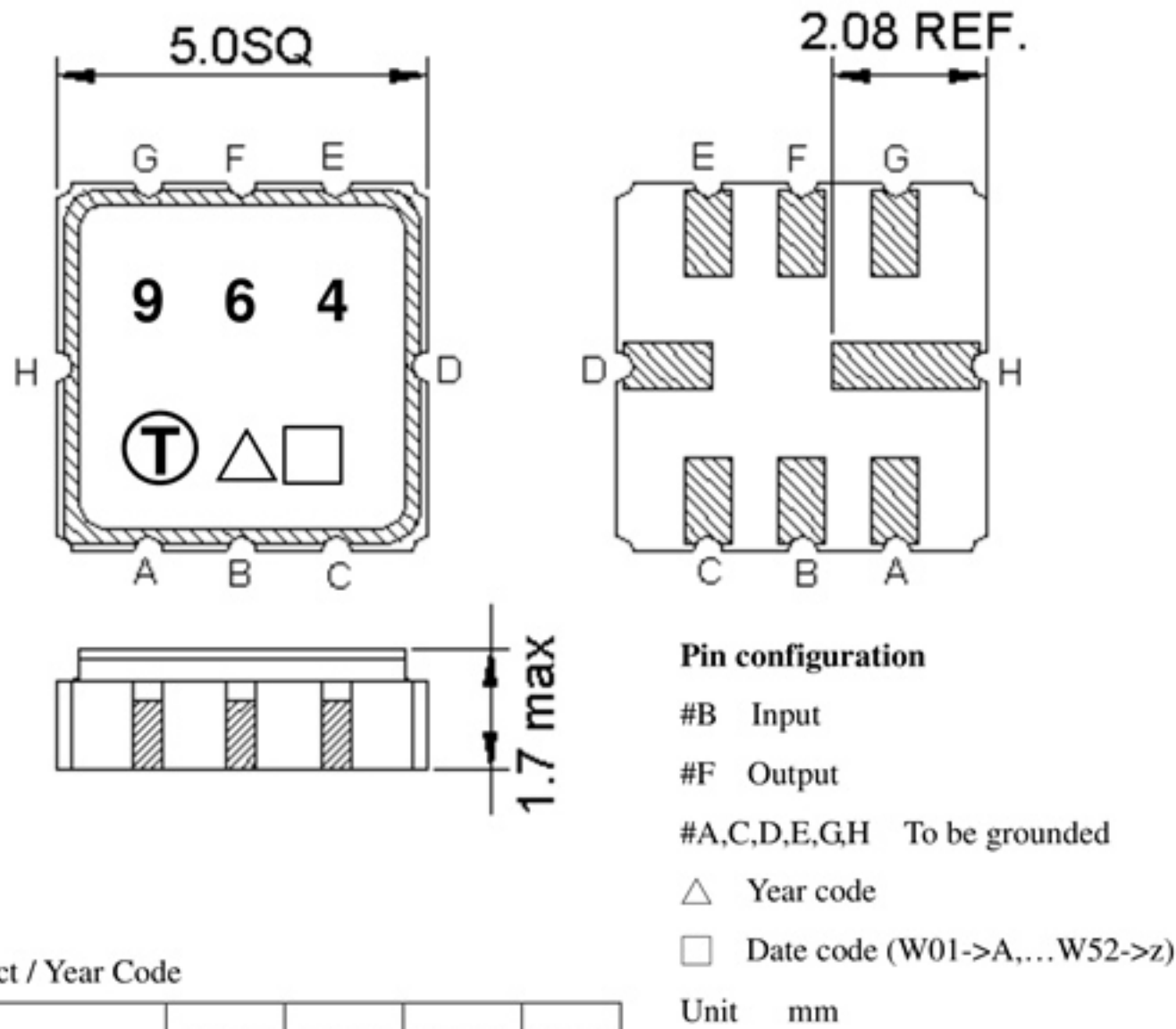
B. ELECTRICAL CHARACTERISTICS:

Item		Unit	Min.	Typ.	Max.
Center frequency	Fo	MHz	-	387.5	-
Insertion loss (385 ~ 390 MHz)	IL	dB	-	1.9	3
Amplitude Ripple (385 ~ 390 MHz)		dB	-	0.5	2
2 dB bandwidth	BW-2	MHz	7.5	11	-
Attenuation (Reference level from 0 dB)					
287.5 to 342.5 MHz		dB	40	60	-
432.5 to 442.5 MHz		dB	35	58	-
442.5 to 487.5 MHz		dB	30	57	-
475 to 476 MHz		dB	50	57	-
Source impedance	Zs	Ω	-	50	-
Load impedance	ZL	Ω	-	50	-
Temperature Coefficient		ppm/°C	-	-36	-

C. MEASUREMENT CIRCUIT:



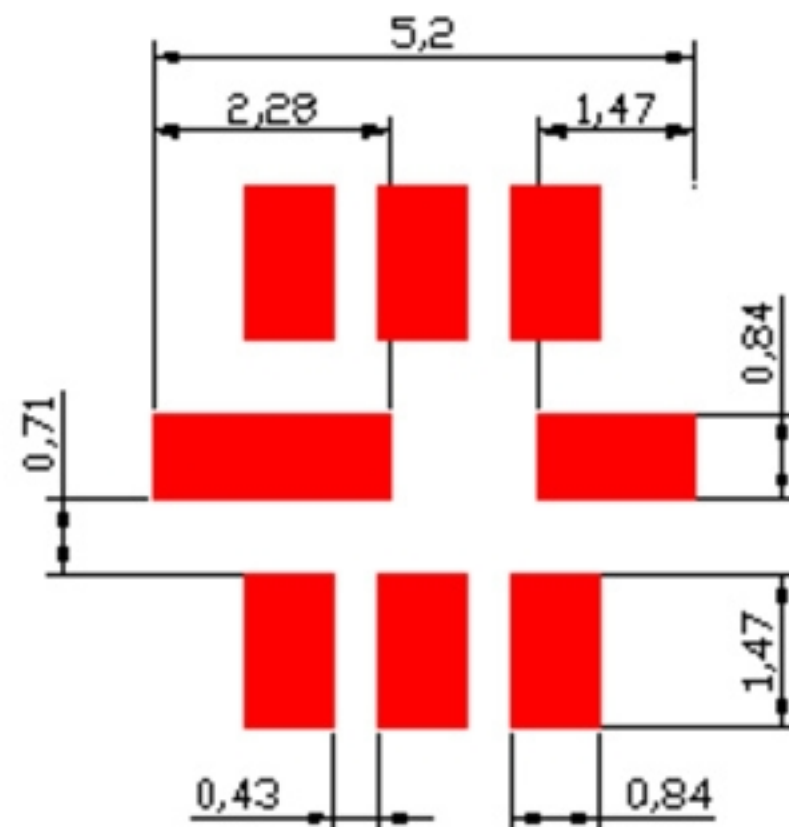
D. OUTLINE DRAWING:



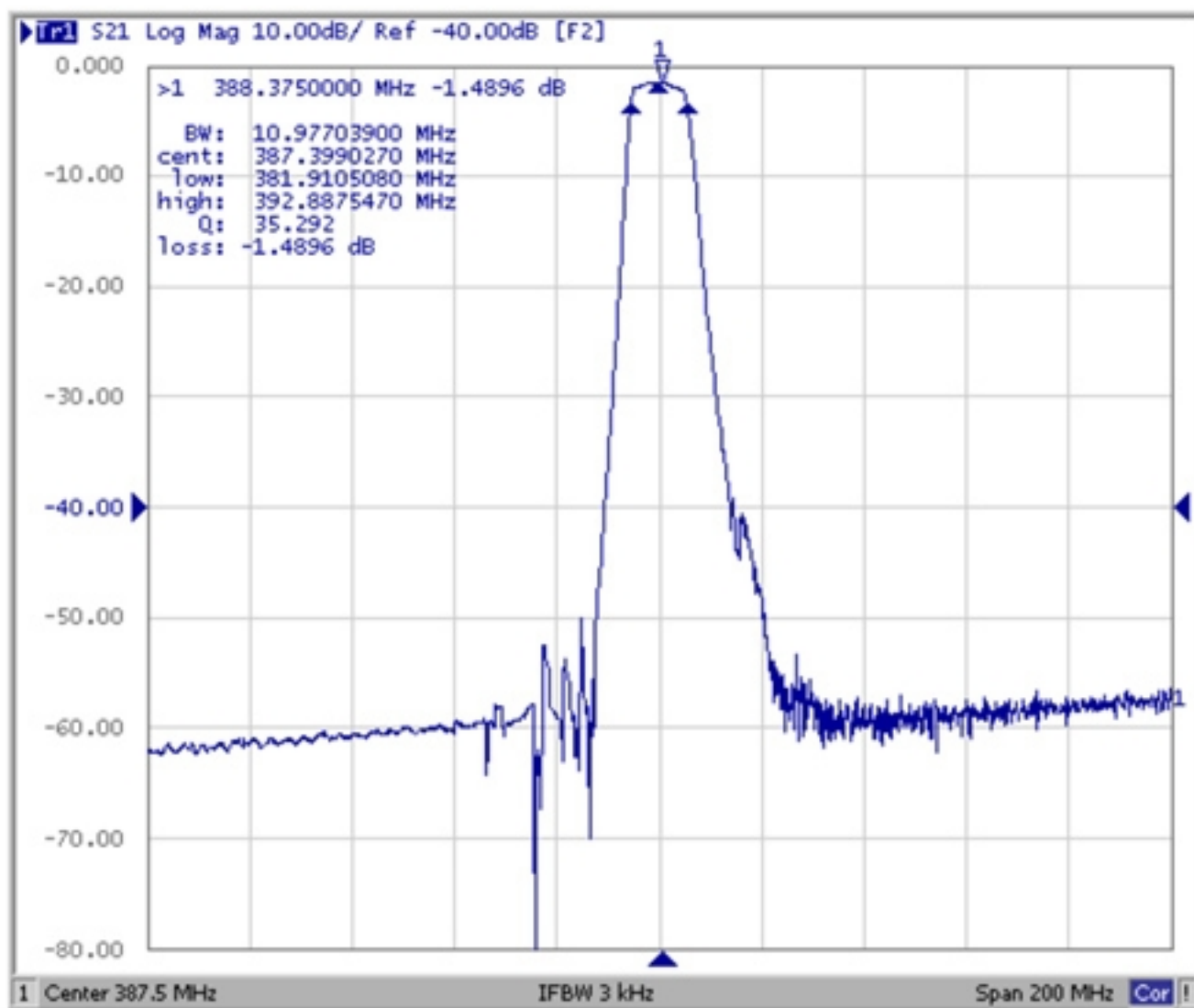
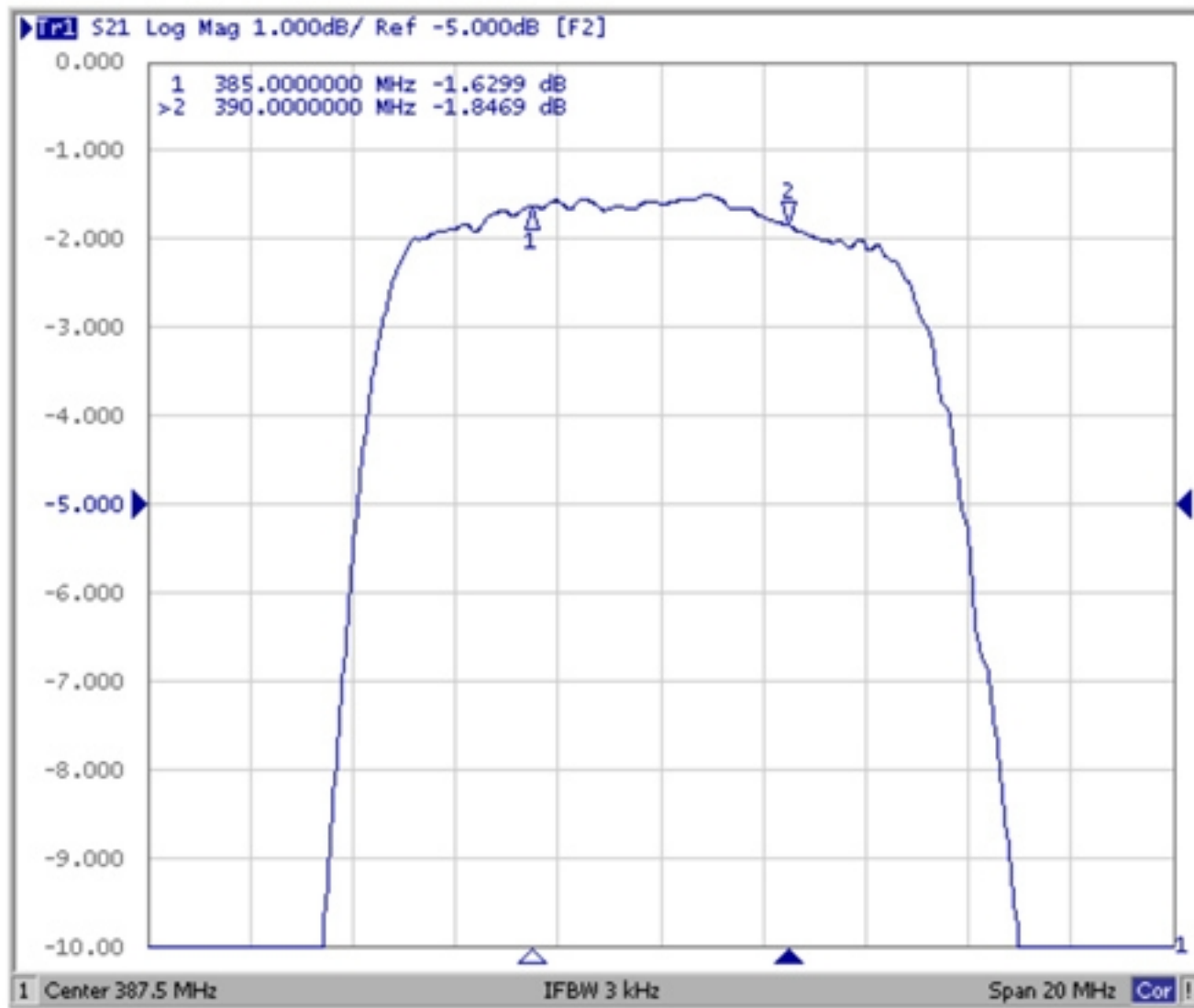
△ : Product / Year Code

Year	2017 2021	2018 2022	2019 2023	2020 2024
Product Code	A	a	<u>A</u>	<u>a</u>

E. PCB Footprint:



F. Frequency Characteristics : Transfer function



H . RECOMMENDED REFLOW PROFILE :

1. Preheating shall be fixed at 150~180°C for 60~90 seconds.
2. Ascending time to preheating temperature 150°C shall be 30 seconds min.
3. Heating shall be fixed at 220°C for 50~80 seconds and at 245~260°C peak (min. 10sec).
4. Time : 2 times.

