



TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,
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Approval Sheet For Product Specification

Issued Date:

Product Name: SAW Filter 454MHz

TST Parts No.: TA454E1

Customer Parts No.: _____

Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ YJ Tien

Approval by: _____ Vincent Lee

Date: _____ 3.11.2003



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SAW Filter 454 MHz

MODEL NO.: TA454E1

REV. NO.:3

A. MAXIMUM RATING:

1. Input Power Level: 0 dB
2. DC voltage: 10 V.
3. Storage Temperature: -40°C to +85 °C.
4. Operating Temperature: -10 °C to +50 °C

RoHS Compliant

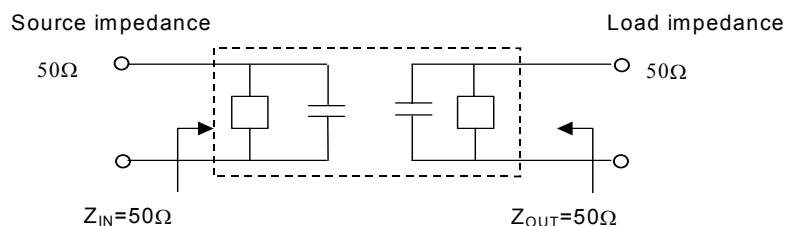
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

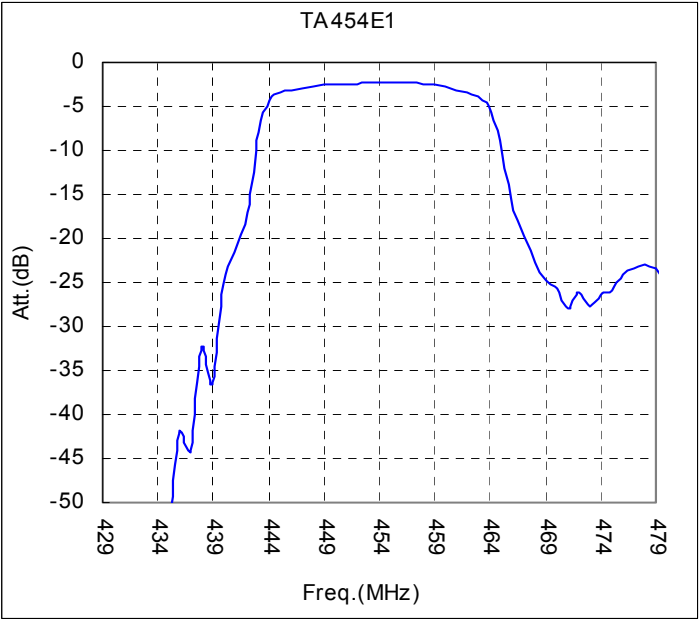
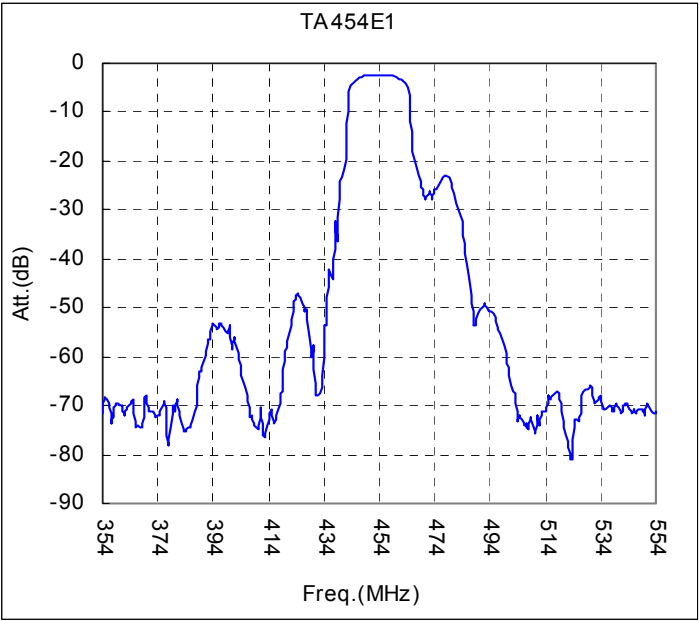
Characteristic	Units	Minimum	Typical	Maximum
Center frequency, F₀	MHz	-	454	-
Insertion Loss, IL (F_C ± 4 MHz)	dB	-	-	4.5
Ripple (F_C ± 4 MHz)	dB			2.5
Attenuation (Reference level from 0 dB)	dB			
F_C - 100MHz to -40.8MHz	dB	50	-	-
F_C +40MHz to + 100MHz	dB	42	-	-
Input/Output Impedance at F_C	Ω	Z _{in} : 50 ; Z _{out} = 50		

Note1. The standard definitions is in JIS C 6703

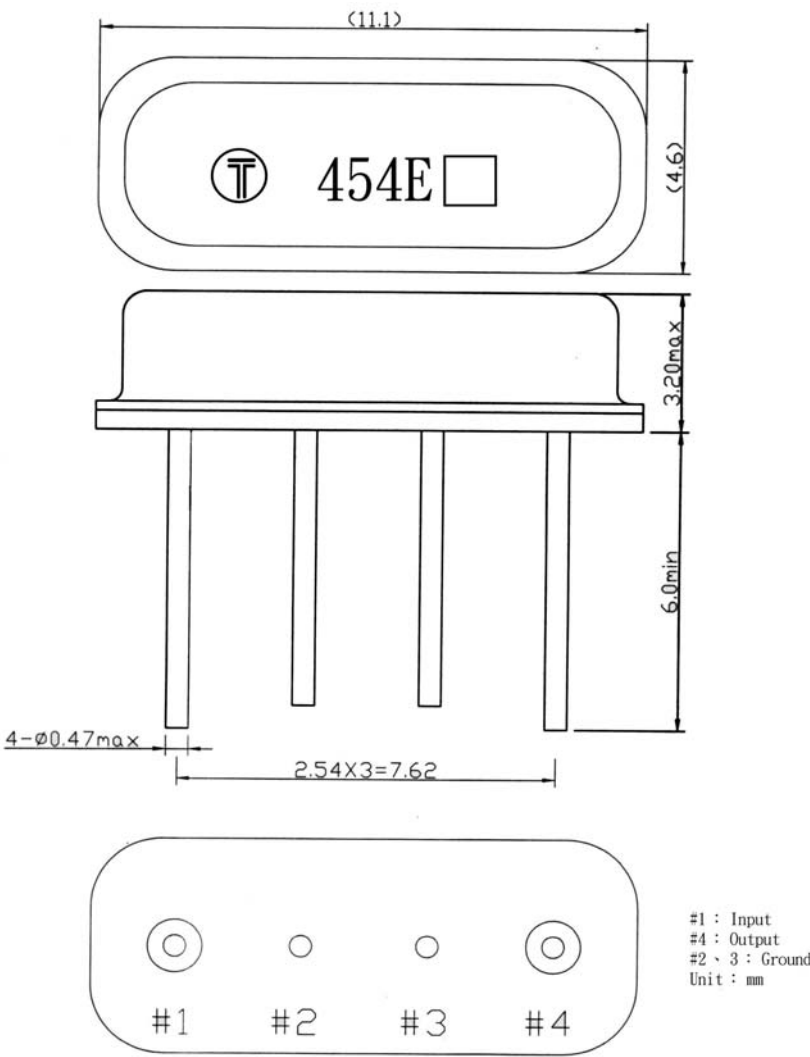
Note2.



C.FREQUENCY CHARACTERISTICS:



D. OUTLINE DRAWING:



E. TEST CIRCUIT

