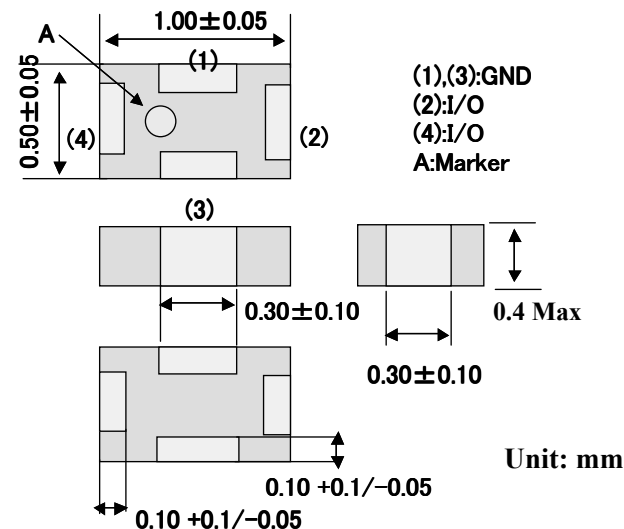


FI 105L186822-T (Development code: FI105L1868XL01)

Feature

- Very Small Package (1.0 x 0.5mm)
- Low Profile (0.4mm Max)
- Low Loss Type

Shapes & Dimensions

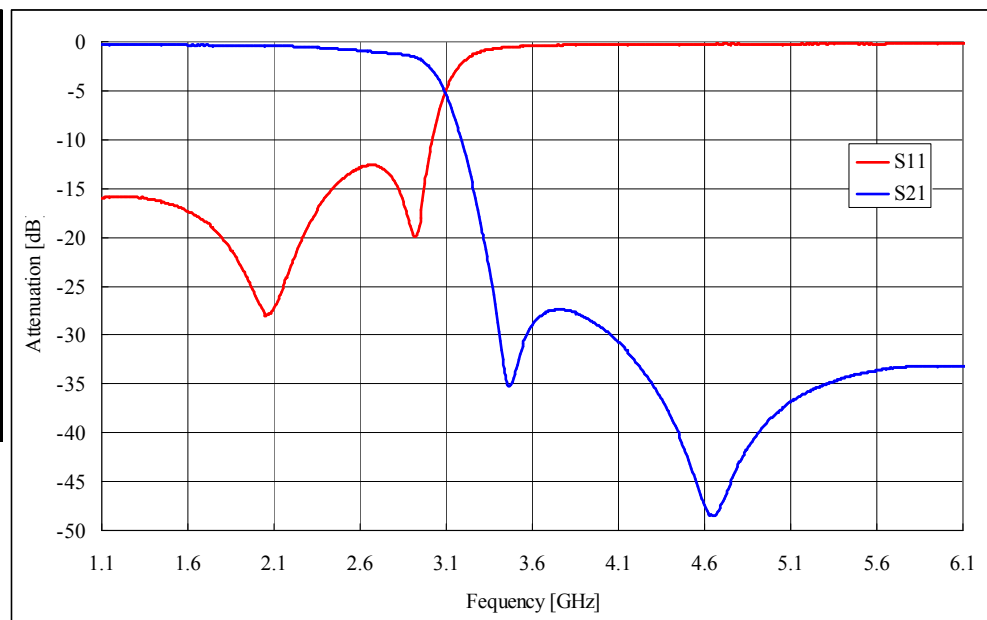


Electrical Characteristics

	Specification	Typical Data*
Pass Band Frequency 1	1710 - 1910MHz	←
Pass Band Frequency 2	1910 - 2025MHz	←
Insertion Loss at Pass Band 1	0.45dB Max. (25 deg-C) 0.6dB Max. (-40~+85 deg-C)	0.33dB
Insertion Loss at Pass Band 2	0.5dB Max. (25 deg-C) 0.65dB Max. (-40~+85 deg-C)	0.39dB
V.S.W.R. at Pass Band	1.7 Max.	1.3
Attenuation	3420 - 3820MHz	22dB Min. 28dB
	3820 - 4050MHz	25dB Min. 32dB
	5130 - 6075MHz	25dB Min. 32dB

* Insertion Loss of evaluation board is excluded. (App. 0.09dB at 1910MHz)

Actual Data

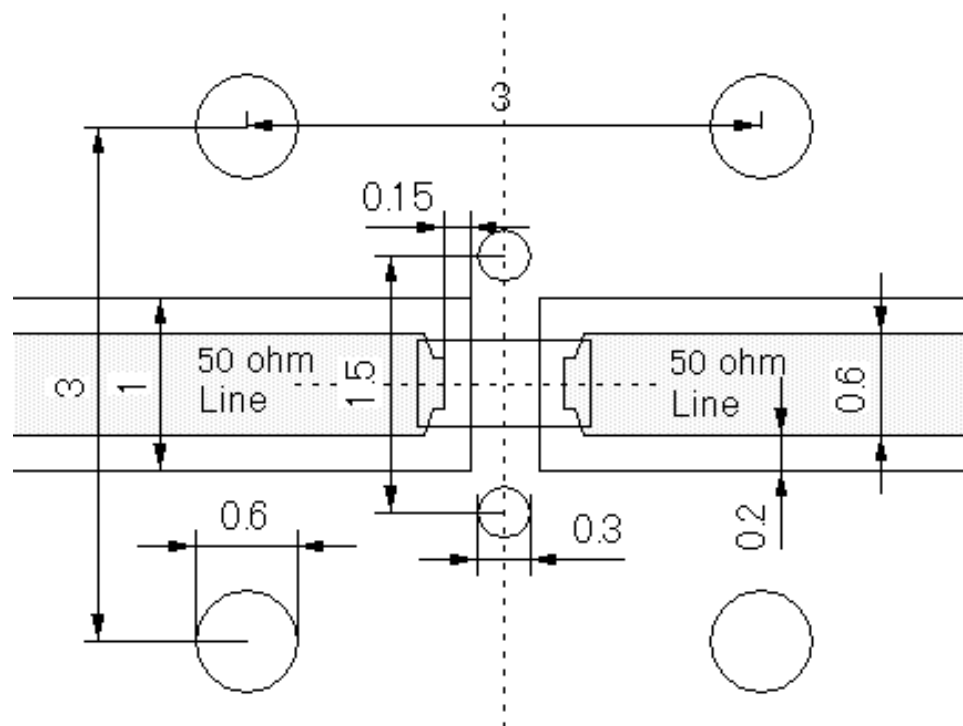


Note : All the specifications are subject to change without notice.

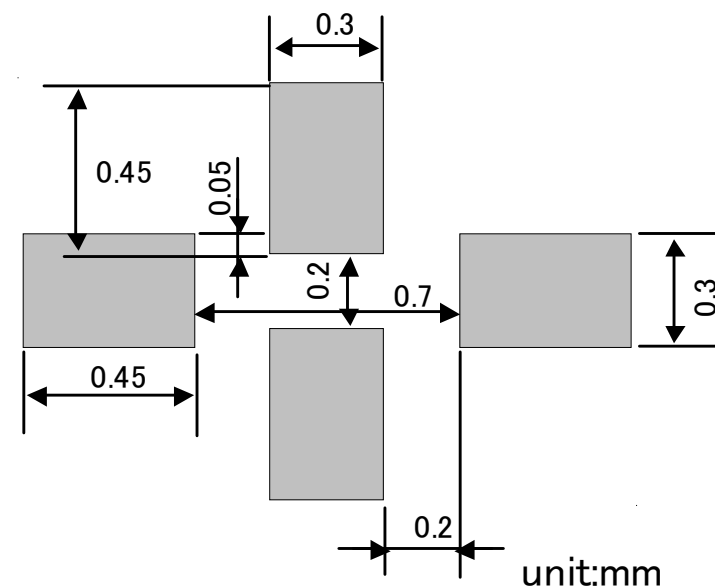
The Example of a Land Pattern

■ Multilayer Filter (FI 105B Series, FI 105L Series)

Electrodes pattern



Resist pattern



※Dimension examples of recommended land pattern (Thickness: 0.4mm, BT resin(ϵ r:3.6), Both side via hole board)

Note : All the specifications are subject to change without notice.

CONFIDENTIAL

TAIYO YUDEN

May-30-2013