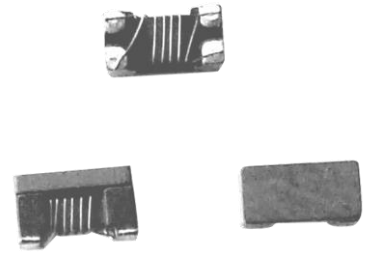
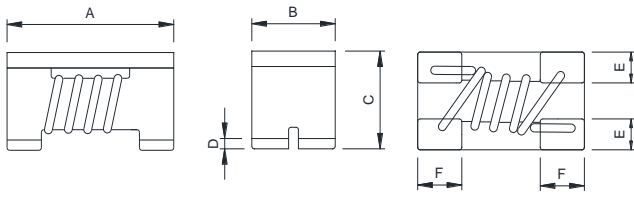


# Balun Transformer - YFBT2012T-7511TL(ST) Series

## EXTERNAL DIMENSIONS

(Unit: mm)



TYPE	A	B	C	D	E	F
YFBT2012T-7511TL	2.00±0.2	1.20±0.2	1.20±0.2	0.20±0.1	0.4	0.45
YFBT2012T-7511ST	2.00±0.2	1.20±0.2	1.20±0.2	0.20±0.1	0.4	0.45

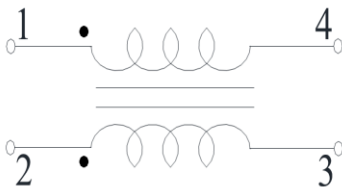
## Features

- These series is SMD Balun Transformer developed for 75 impedance system.
- Input impedance is 75Ω.
- Impedance ration is 1:1.
- It is a product conforming to RoHS directive.

## Applications

- Tuner for TV, mobile devices (e.g. DVB-T/DVB-S) Power divider for STB tuner.

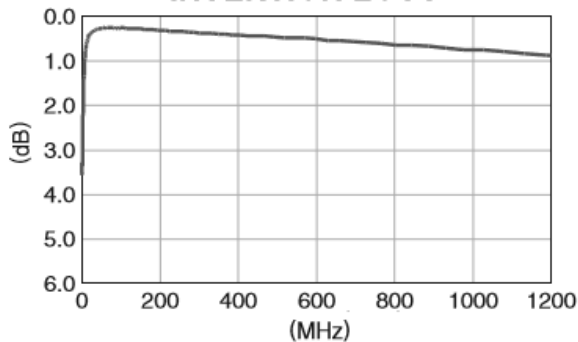
## Schematic



Part Number	Freq. Range (MHz)	UB/B Impedance (Ω)	Insertion Loss (dB)	CMRR (dB)	Rated Voltage (DC)	Withstanding Voltage (DC)	Insulation Resistance (MΩ)Min.
YFBT2012T-7511TL	50~1200	75/75	1.0Max.	20Min.	50V	125V	10
YFBT2012T-7511ST	950~2150	75/75	1.5Max.	20Min.	20V	125V	10

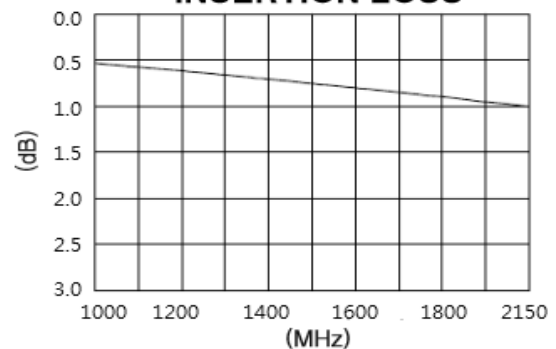
### YFBT2012T-7511TL

#### INSERTION LOSS



### YFBT2012T-7511ST

#### INSERTION LOSS



SMT