

Thin-film Balun

For 2300-2690MHz (50-100Ω)

TFSZ Series

Type: TFSZ06052460-3310A2

Issue date: May 2013

- All specifications are subject to change without notice.
 - Conformity to RoHS Directive: This means that, in conformity with EU Directive 2002/95/EC, lead, cadmium, mercury, hexavalent chromium, and specific bromine-based flame retardants, PBB and PBDE, have not been used, except for exempted applications.
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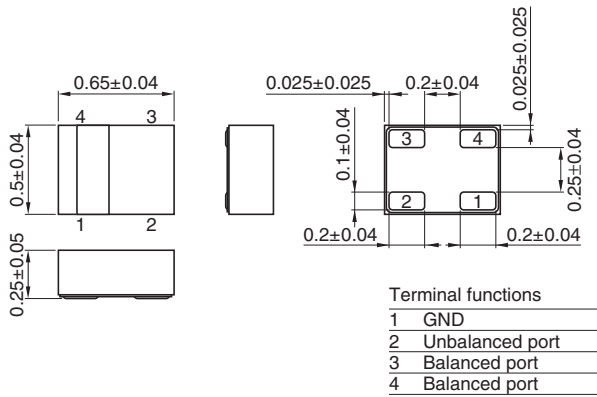
Thin-film Baluns

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Conformity to RoHS Directive

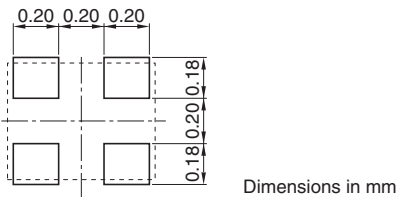
TFSZ Series TFSZ06052460-3310A2

SHAPES AND DIMENSIONS



Dimensions in mm

RECOMMENDED PC BOARD PATTERNS



Dimensions in mm

Line width be designed to mach 50Ω characteristic impedance depending on PCB Material and thickness.

ELECTRICAL CHARACTERISTICS

Unbalanced impedance	50Ω
Balanced impedance	100Ω
Frequency range	2300 to 2690MHz
Unbalanced port return loss	10dB min.
Phase imbalance at balanced port	180±10deg.
Amplitude imbalance at balanced port	0±2.5dB
Insertion loss	[+25°C] 0.55dB max.
	[-40 to +85°C] 0.65dB max.
Temperature range	Operating -40 to +85°C
	Storage -40 to +85°C
Packaging style and quantities	10,000pieces/reel

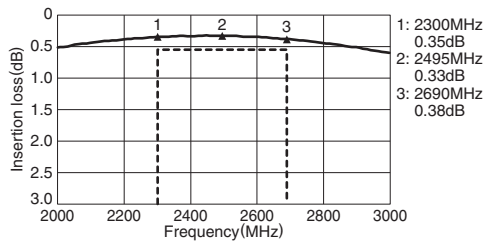
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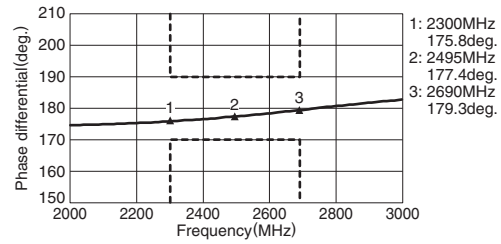
FREQUENCY CHARACTERISTICS

Unbalance 50Ω/Balance 100Ω

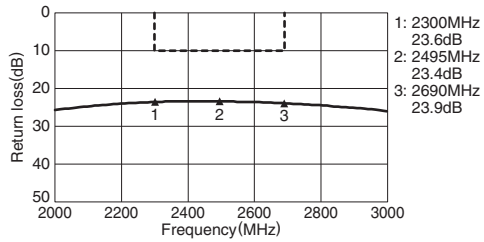
INSERTION LOSS



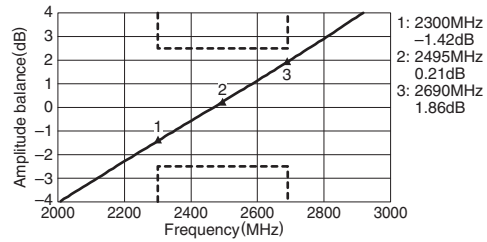
PHASE DIFFERENTIAL



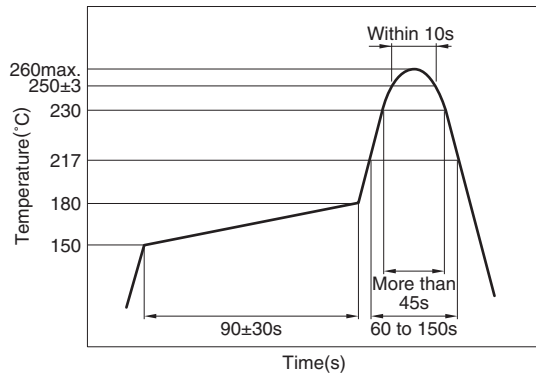
RETURN LOSS



AMPLITUDE BALANCE



RECOMMENDED REFLOW SOLDERING CONDITION



* In this product, the recommended soldering condition is 'reflow'.
Reflow Soldering : Maximum 2 times