



Multilayer Balun

For 2400-2500MHz

HHM1917A5

- 1.0x0.5mm [EIA 0402]*
- * Dimensions Code JIS[EIA]



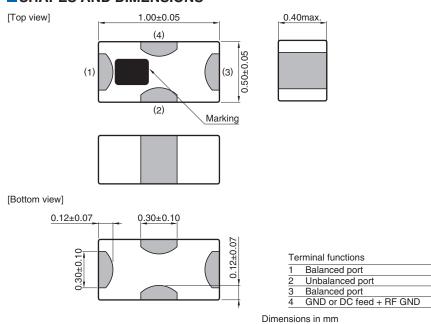
Multilayer Balun

For 2400-2500MHz

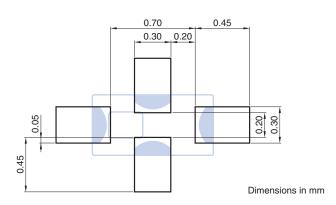
Conformity to RoHS Directive

HHM1917A5

SHAPES AND DIMENSIONS



■ RECOMMENDED LAND PATTERN



OROHS Directive Compliant Product: See the following for more details related to RoHS Directive compliant products. http://product.tdk.com/en/environment/rohs/

[•] All specifications are subject to change without notice.

[•] Before using these products, be sure to request the delivery specifications.



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ELECTRICAL CHARACTERISTICS

Item	Frequency Range (MHz)	Min.	Тур.	Max.
Unbalanced Port Characteristic Impedance (Ω)			50 (Nominal)	
Balanced Port Characteristic Impedance (Ω)			50 (Nominal)	
Return Loss at Unbalanced Port (dB)	2400 to 2500	10	_	_
Phase Balance (deg.)	2400 to 2500	165	_	195
Amplitude Balance (dB)	2400 to 2500	-1.2	_	1.2
Insertion Loss (dB)	2400 to 2500	_	_	0.7

■TEMPERATURE RANGE

Operating temperature	Storage temperature		
(°C)	(°C)		
-40 to +85	-40 to +85		

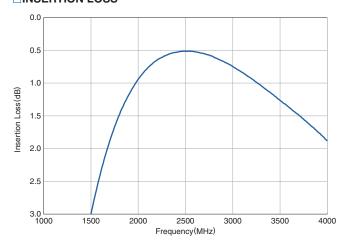
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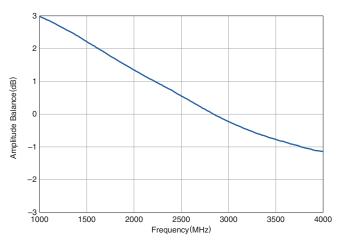
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FREQUENCY CHARACTERISTICS

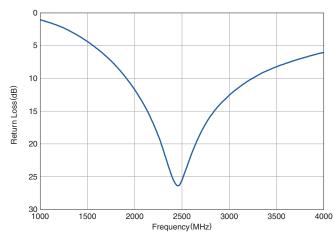
□INSERTION LOSS



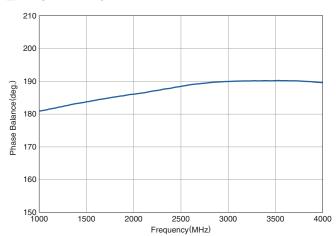
AMPLITUDE BALANCE



RETURN LOSS



□PHASE BALANCE

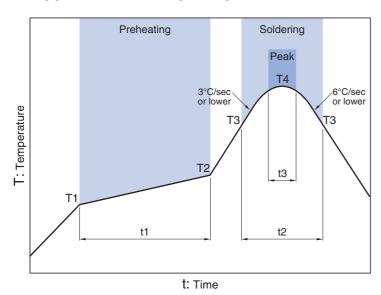


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■ RECOMMENDED REFLOW PROFILE



Preheating			Soldering Critical zone (T3 to T4) Peak			
Temp.		Time	Temp.	Time	Temp.	Time
T1	T2	t1	T3	t2	T4	t3*
150°C	200°C	60 to 120sec	217°C	60 to 120sec	240 to 260°C	30sec max.

^{*}t3: Time within 5°C of actual peak temperature

The maximum number of reflow is 3.

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