

SLMB-JTX-4-10T

Features

- excellent return loss, 22 dB typ .
- excellent amplitude unbalance, 0.2 dB typ.
- and phase unbalance, 2 deg. typ. in 1 dB bandwidth

Applications

- impedance matching
- balanced amplifiers

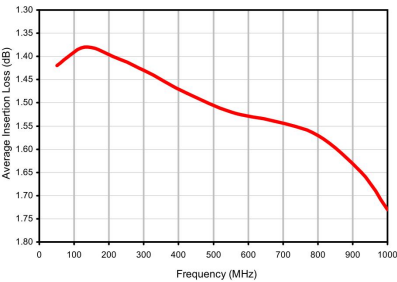
Electrical Specifications

Ω RATIO (Secondary/Primary)	FREQUENCY (MHz)	INSERTION LOSS*	PHASE UNBALANCE (Deg.) Typ.	AMPLITUDE UNBALANCE (dB)Typ.
4	50~1000	1.0	2.0	0.2

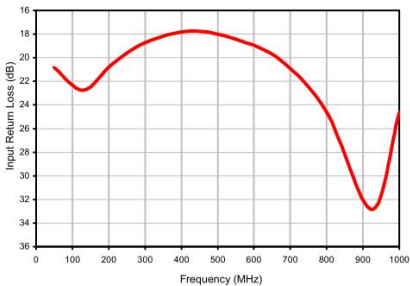
Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	INPUT R. LOSS (dB)	AMPLITUDE UNBALANCE (dB)	PHASE UNBALANCE E (Deg.)
50.00	1.42	20.84	0.06	0.35
130.00	1.38	22.75	0.02	1.77
210.00	1.40	20.52	0.09	2.44
300.00	1.43	18.71	0.16	2.76
425.00	1.48	17.75	0.22	2.82
550.00	1.52	18.42	0.26	2.61
675.00	1.54	20.24	0.25	2.16
800.00	1.57	24.59	0.18	1.69
925.00	1.65	32.84	0.13	1.23
1000.00	1.73	24.64	0.22	1.10

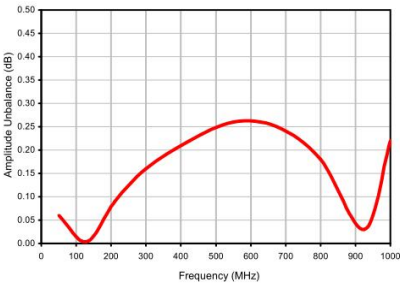
Average Insertion Loss



Input Return Loss



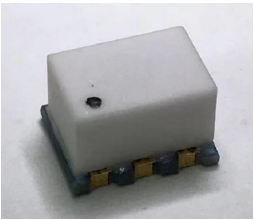
Amplitude Unbalance



Maximum Ratings

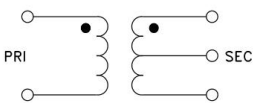
Operating Temperature	-20°C to 85°C
Storage Temperature	-55°C to 100°C
RF Power	0.25W max.
DC Current	30mA

Permanent damage may occur if any of these limits are exceeded.



50Ω 50 to 1000 MHz

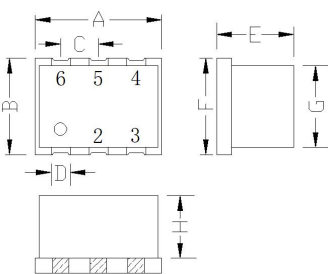
Config. A



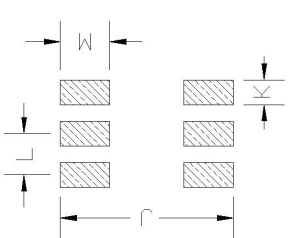
Pin Connections

PRIMARY DOT	3
PRIMARY	1
SECONDARY DOT	6
SECONDARY	4
SECONDARY CT	5
NOT USED	2

Outline Drawing



PCB Land Pattern



Outline Dimensions : Unit (mm)

A	8.70	J	8.00
B	6.50	K	1.50
C	2.54	G	5.50
D	1.30	H	4.30
E	5.40	L	2.54
F	6.50	M	2.00
WT	0.5 g		