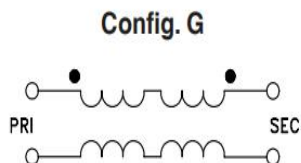


Features

- wideband, 4.5 to 3000 MHz
- balanced transmission line
- good return loss
- plastic base with leads
- aqueous washable

Applications

- balanced to unbalanced transformation
- PCS/DCS
- push-pull amplifiers
- MMDS



JR-TC1-1-13M+

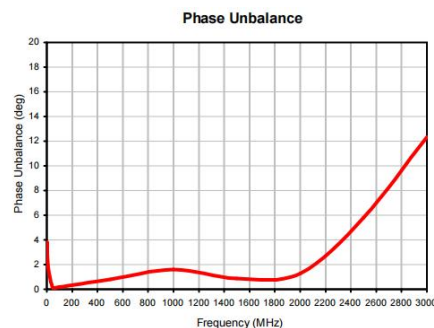
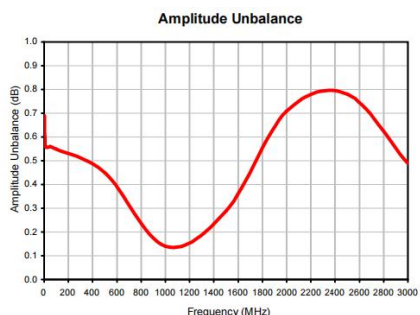
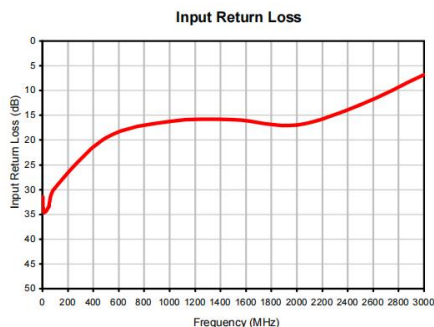
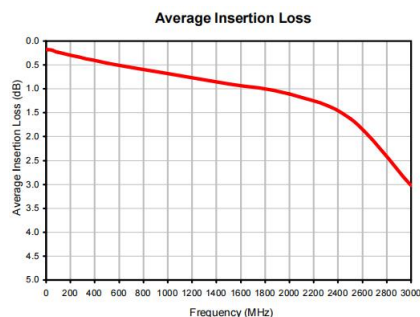


50Ω 4.5 to 3000 MHz

Electrical Specifications at 25°C

Parameter	Frequency(MHz)	Min.	Typ.	Max.	Unit
Impedance Ratio			1	-	Ohm
Frequency Range		4.5		3000	Mhz
Insertion Loss*	2000-3000 1000-2000 4.5-100		3.5 2 1		dB
Phase Unbalance	4.5-1000 1000-2000		2 3		Deg.
Amplitude Unbalance	4.5-1000 1000-2000		0.5 0.5		dB

*Insertion Loss is referenced to mid-band loss, 0.5 dB typ.



Maximum Ratings

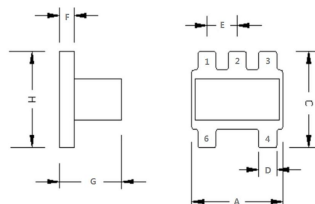
Operating Temperature	-40°C to 85°C
Storage Temperature	-55°C to 100°C
RF Power	0.25W
DC Current	30mA

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

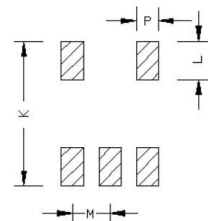
Pin Connections

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

Outline Drawing



PCB Land Pattern



Suggested Layout,
Tolerance to be within ±0.15

Outline Dimensions (mm)

A	3.81	N	-
B	-	M	1.27
C	3.81	P	0.76
D	0.76	J	-
E	1.27	K	4.81
F	0.61	L	1.30
G	2.71	H	3.81
WT	0.16g		