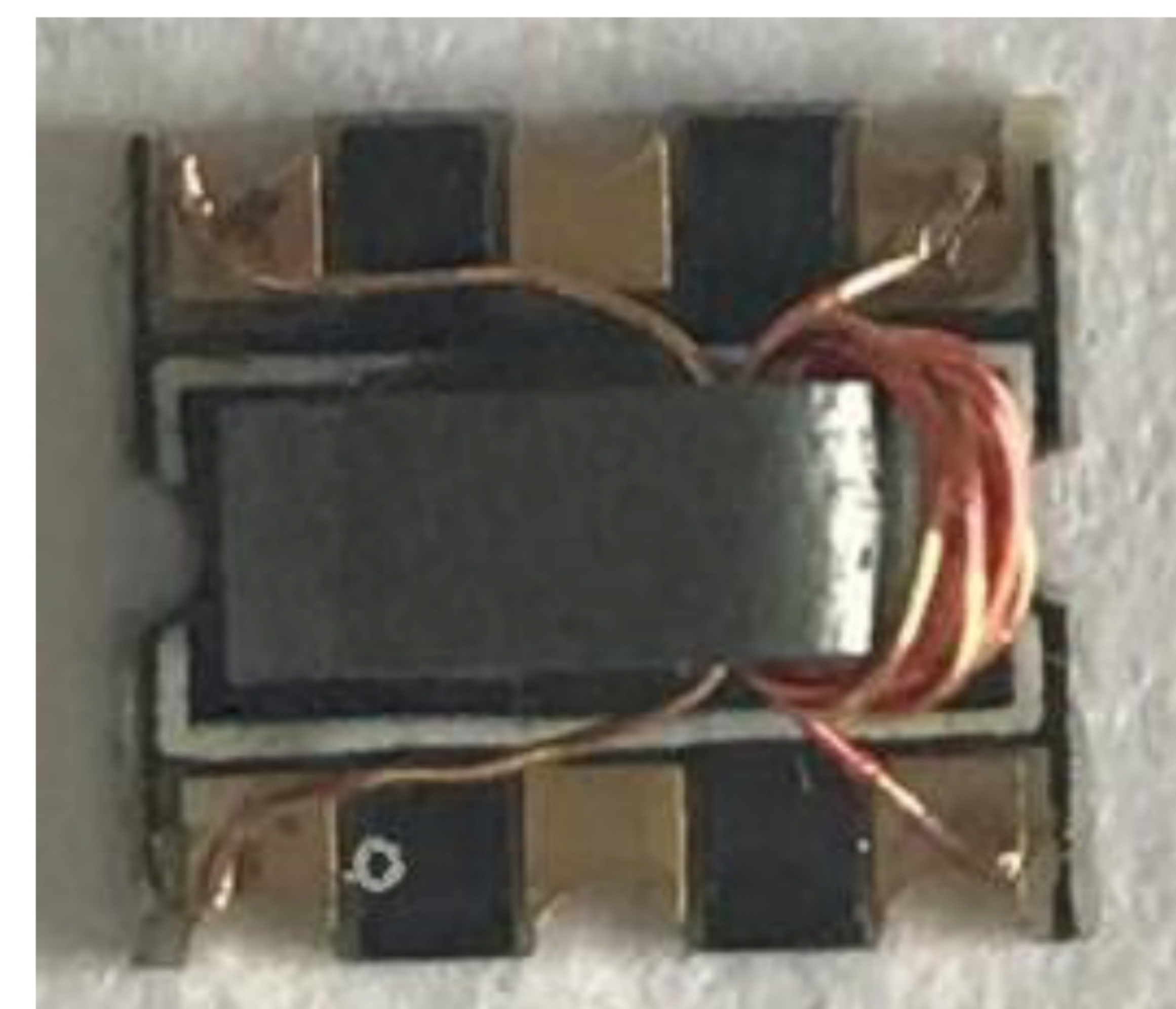


Features

- wideband, 20 to 1200 MHz
- balanced transmission line
- excellent amplitude unbalance, 0.3 dB typ. and phase unbalance, 3 deg. typ. in 1 dB bandwidth
- RF power, 2W
- aqueous washable

Applications

- impedance matching
- balanced amplifier
- baluns
- cellular

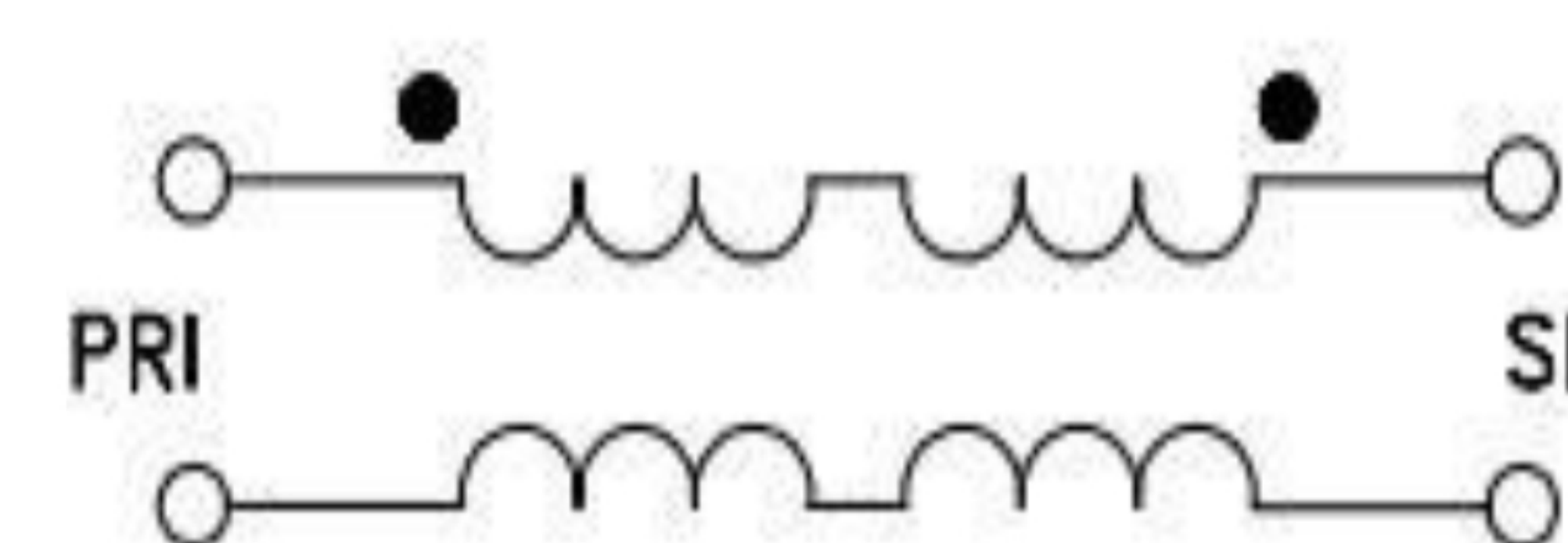


Transformer Electrical Specifications

Ω RATIO	FREQUENCY (MHz)	INSERTION LOSS*	PHASE UNBALANCE (Deg.) Typ.	AMPLITUDE UNBALANCE (dB) Typ.
1	20 ~ 1200	1.3dB	3.5	1

* Insertion Loss is referenced to mid-band loss, 0.3 dB typ.

Config. G



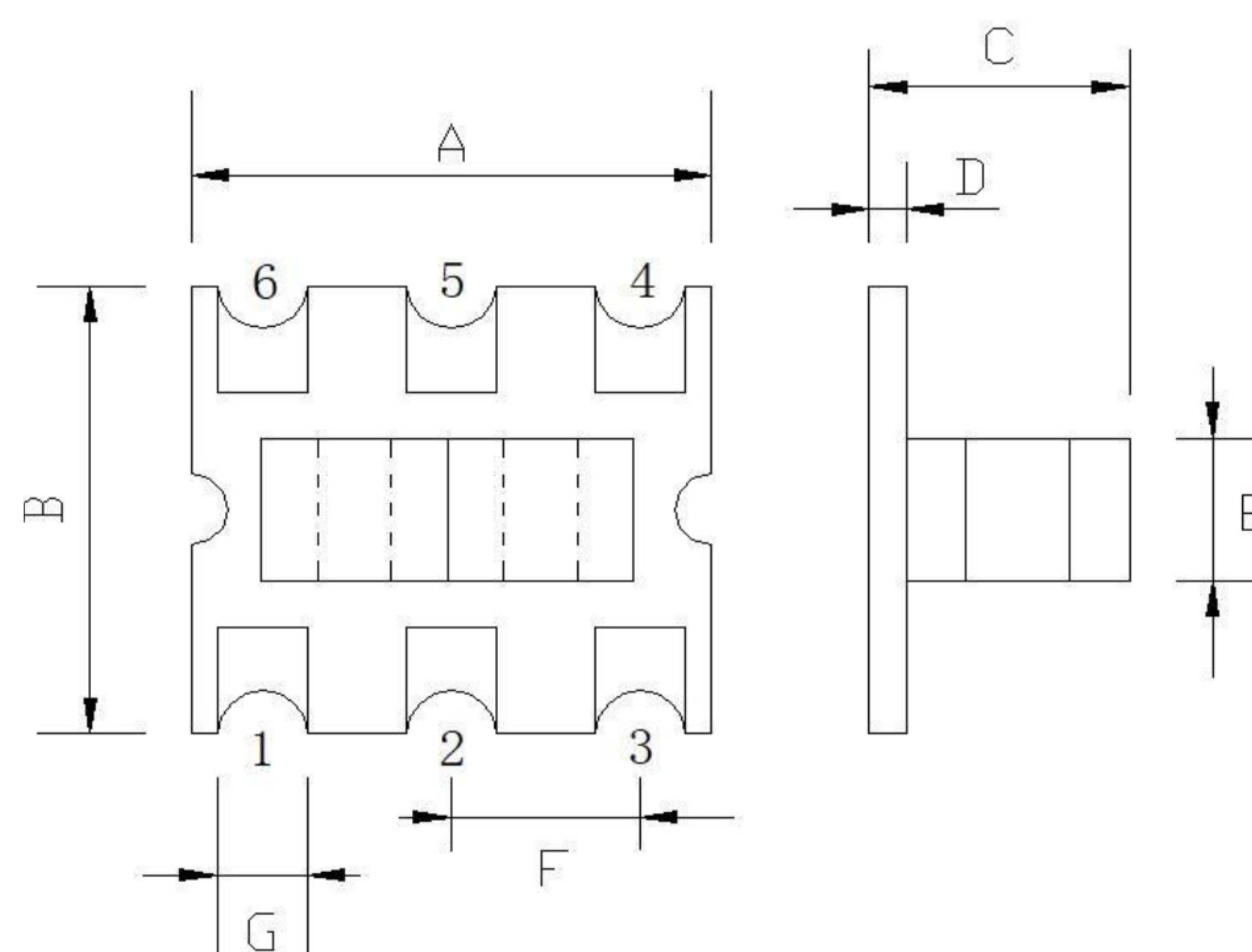
Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	INPUT R. LOSS (dB)	AMPLITUDE UNBALANCE (dB)	PHASE UNBALANCE (Deg.)
20.00	0.28	26.05	0.32	3.48
30.00	0.28	25.08	0.26	2.31
50.00	0.28	23.04	0.28	1.42
100.00	0.37	18.99	0.23	0.30
300.00	0.74	11.63	0.17	0.99
500.00	0.98	9.26	0.04	1.35
700.00	0.92	8.93	0.14	0.79
900.00	0.76	10.00	0.48	0.35
1000.00	0.74	10.10	0.65	0.92
1200.00	1.32	7.49	0.99	2.65

Maximum Ratings

Operating Temperature -20°C to 85°C
Storage Temperature -55°C to 100°C
RF Power 0.5W
DC Current 30mA
Permanent damage may occur if any of these limits are exceeded.

Outline Drawing



Outline Dimensions (mm)

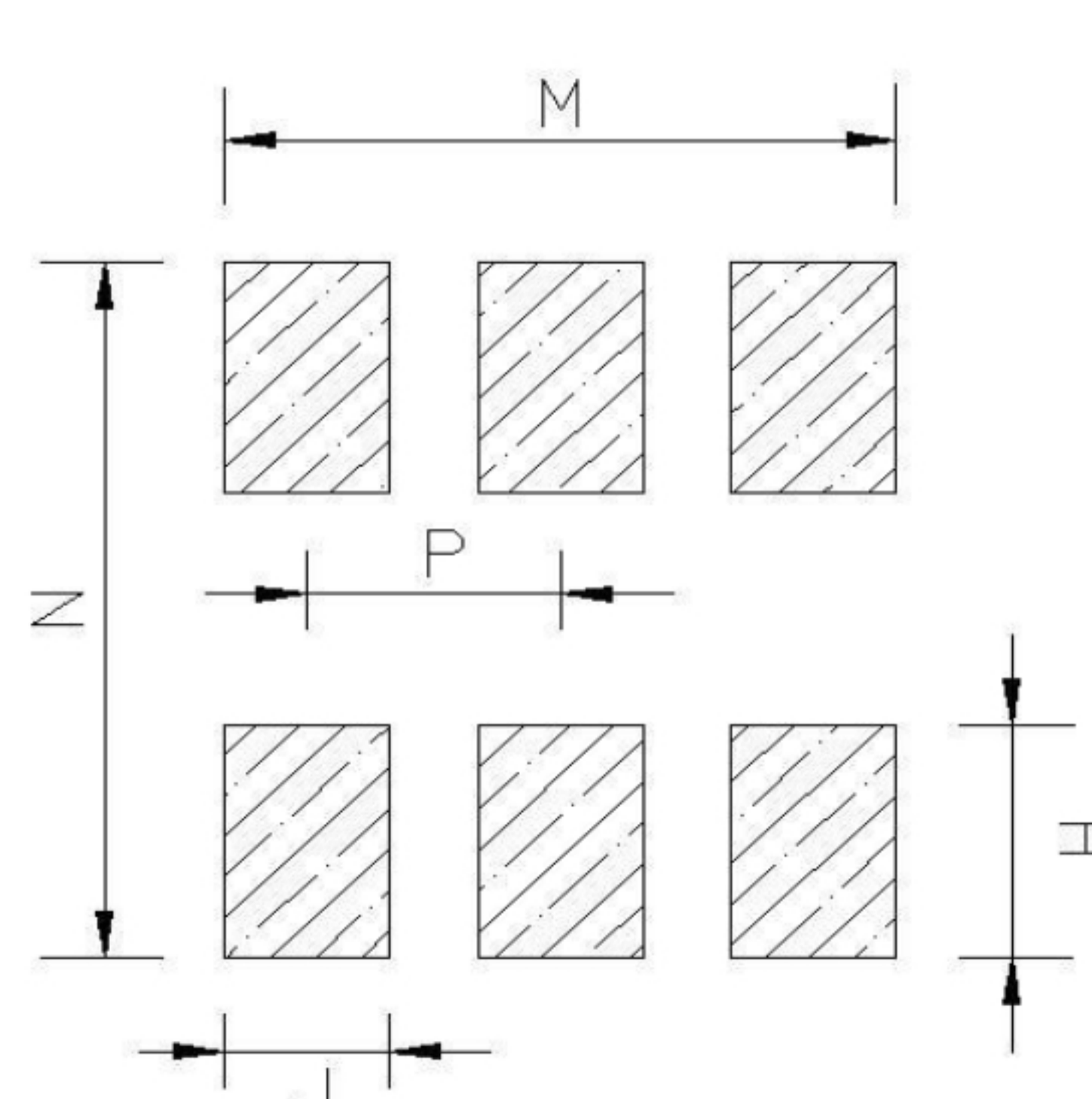
Dimension	Value	Dimension	Value
A	7.00	N	7.62
B	6.30	M	6.73
C	3.50	P	2.54
D	0.50	H	2.54
E	3.00	J	1.65
F	2.54		
G	1.00		

Note :
that the dimensional tolerance of A,B,C,D is 0.2mm and that of other dimensions is 0.1mm

Pin Connections

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

PCB Land Pattern



WT 0.19