

## Main specifications

Parameters	Min	Typical	Max	Units
Frequency	20	~	2500	MHz
IL		0.7	1.2	dB
VSWR		1.2	1.5	
Isolation	20	40		dB
feed-voltage			25	V
Feed current			200	mA

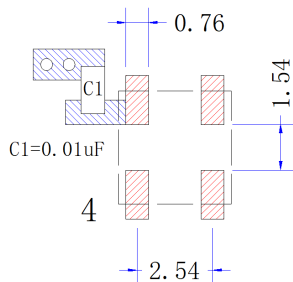
## Other parameters

Connector	SMD
Power	1W
Work Temp.	-40~+85°C Design assurance
Storage Temp.	-55~+100°C Design assurance
Quality Grade	Industrial grade
Other	Replace TCBT-2R5G+

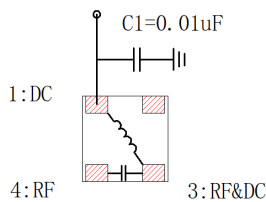
## Port Definition

RF	4
RF&DC	3
DC	1
NC	2

## Suggested PCB Layout



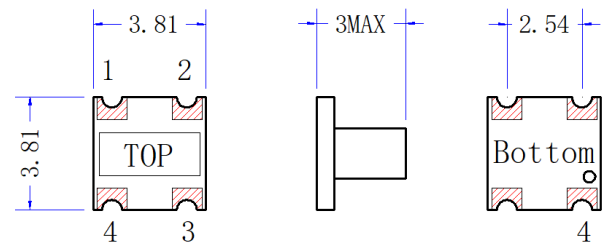
## Functional Schematic



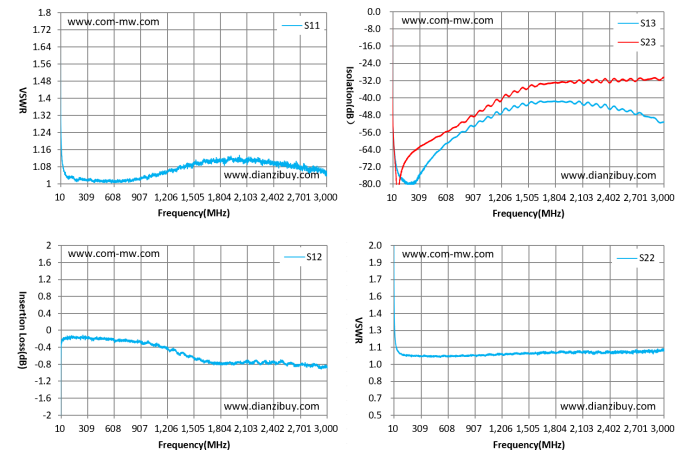
## Reference picture



## Configuration(mm)



## Typical test curve



## Note

1	Please do not wash the product in the cleaning solution.,Please do not wash the product in the cleaning solution.
2	The product supports 260 °C reflow soldering.