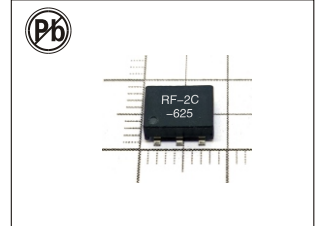


Surface Mount RF Transformer(50 Ω , 9~625MHz) RF-2C-625



FEATURES:

- excellent return loss, 25 dB typ.
- excellent amplitude unbalance, 0.2 dB typ.
- phase unbalance, 1 deg. typ. in 1 dB bandwidth
- high RF power up to 1 watt
- aqueous washable

APPLICATIONS:

- impedance matching
- baluns

PACKAGING:

- 7" Reel: 20, 50, 100, 200, 500 Devices/Reel
- 13" Reel: 500, 1000 Devices/Reel

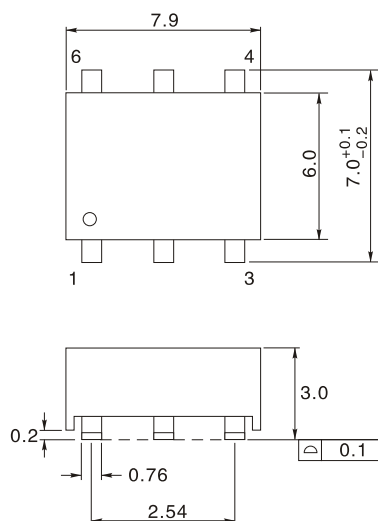
ELECTRICAL CHARACTERISTICS:

Impedance ratio (Ω) Sec : Pri	Frequency range (MHz)	Insertion loss(MHz)			Phase unbalance (Deg.)Typ.		Amplitude unbalance (dB)Typ.	
		3dB	2dB	1dB	1dB bandwidth	2dB bandwidth	1dB bandwidth	2dB bandwidth
4	9~625	9~625	10~550	14~500	1	3	0.2	0.3

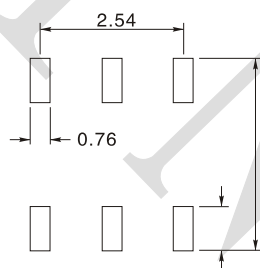
Note: Insertion Loss is referenced to mid-band loss, 0.55 dB typ.

TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS:

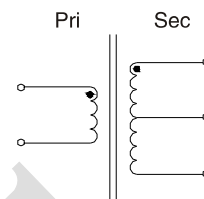
Dimensions(mm)



PCB Land pattern



Schematic

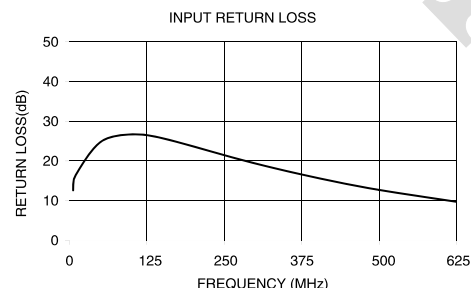


Pin Connections

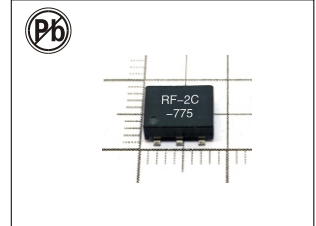
PRIMARY DOT	3
PRIMARY	1
SECONDARY DOT	4
SECONDARY	6
SECONARY CT	5
NOT USED	2

Notes:

Operating Temperature -20℃ to 85℃
 Storing Temperature -55℃ to 100℃
 RF Power 1W
 DC Current 30mA



Surface Mount RF Transformer(50 Ω , 2~775MHz) RF-2C-775



FEATURES:

- excellent return loss, 20 dB typ. in dB bandwidth
- excellent amplitude unbalance, 0.1 dB typ. and phase unbalance, 1 deg. typ. in 1 dB bandwidth
- aqueous washable

APPLICATIONS:

- impedance matching
- baluns

PACKAGING:

- 7" Reel: 20, 50, 100, 200, 500 Devices/Reel
- 13" Reel: 500, 1000 Devices/Reel

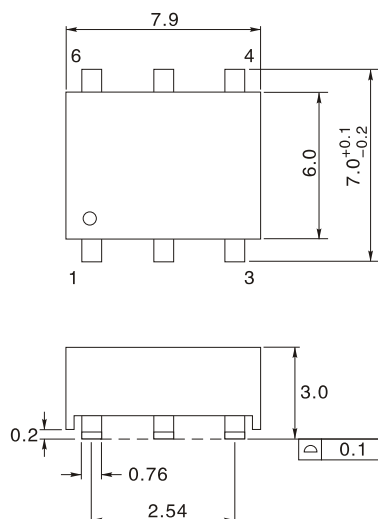
ELECTRICAL CHARACTERISTICS:

Impedance ratio (Ω) Sec : Pri	Frequency range (MHz)	Insertion loss(MHz)			Phase unbalance (Deg.)Typ.		Amplitude unbalance (dB)Typ.	
		3dB	2dB	1dB	1dB bandwidth	2dB bandwidth	1dB bandwidth	2dB bandwidth
4	2~775	2~775	3~600	6~250	1	3	0.1	0.3

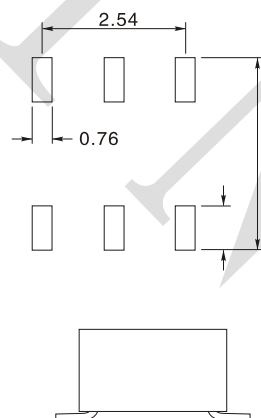
Note: Insertion Loss is referenced to mid-band loss, 0.8 dB typ.

TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS:

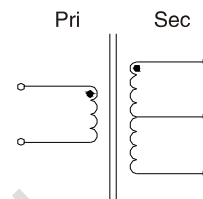
Dimensions(mm)



PCB Land pattern



Schematic

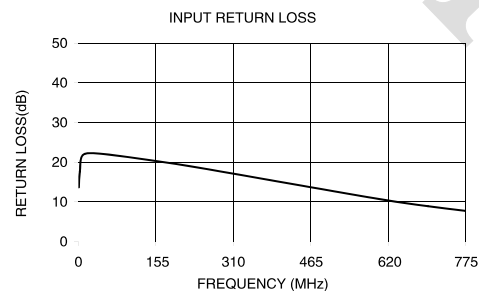
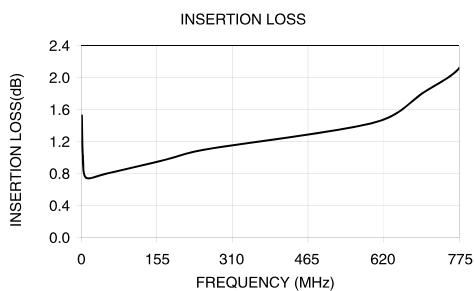


Pin Connections

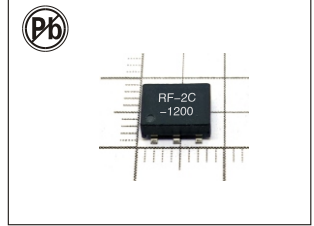
PRIMARY DOT	3
PRIMARY	1
SECONDARY DOT	4
SECONDARY	6
SECONARY CT	5
NOT USED	2

Notes:

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



Surface Mount RF Transformer(50 Ω , 20~1200MHz) RF-2C-1200



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
- baluns
- balanced amplifier
- cellular
- VHF

PACKAGING:

- 7" Reel: 20, 50, 100, 200, 500 Devices/Reel
- 13" Reel: 500, 1000 Devices/Reel

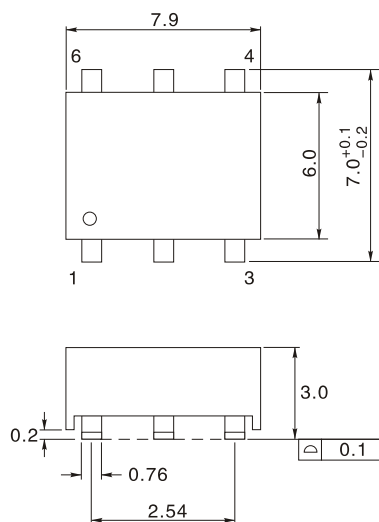
ELECTRICAL CHARACTERISTICS:

Impedance ratio (Ω) Sec : Pri	Frequency range (MHz)	Insertion loss(MHz)			Phase unbalance (Deg.)Typ.		Amplitude unbalance (dB)Typ.	
		3dB	2dB	1dB	1dB bandwidth	2dB bandwidth	1dB bandwidth	2dB bandwidth
1	20~1200	---	20~1200	50~1000	3	4	0.3	0.5

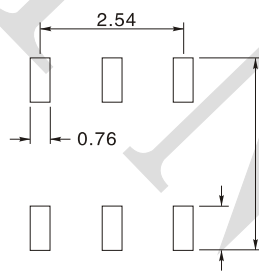
Note: Insertion Loss is referenced to mid-band loss, 0.6 dB typ.

TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS:

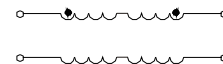
Dimensions(mm)



PCB Land pattern



Schematic



Pin Connections

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

Notes:

Operating Temperature -20°C to 85°C
Storage Temperature -55°C to 100°C
RF Power 2W
DC Current 30mA

