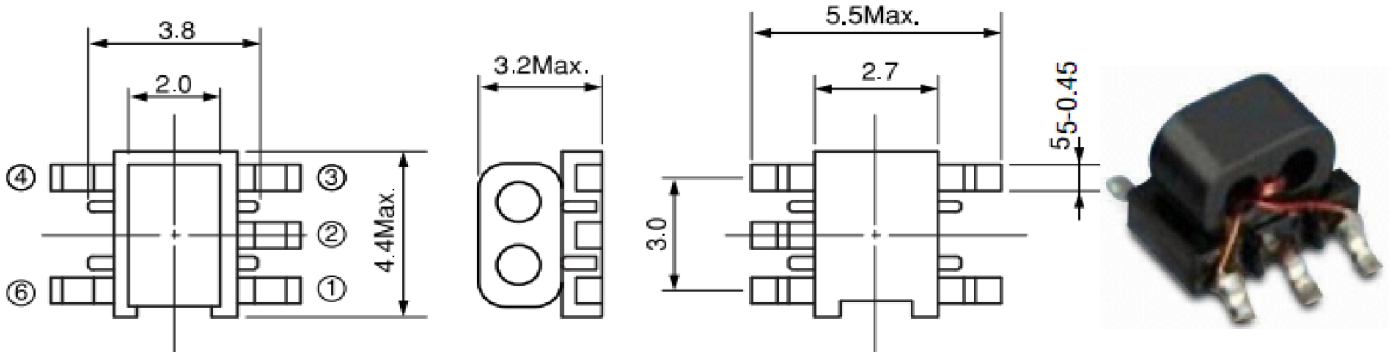


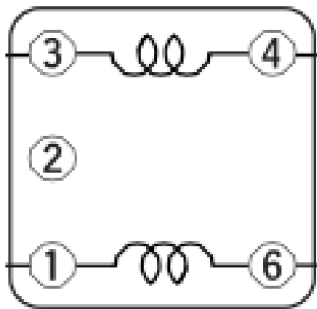
SPECIFICATION FOR APPROVAL

Part Number	YB4F-ETC1-1-13	Insertion Loss	5-2000MHz--2.0dB Max
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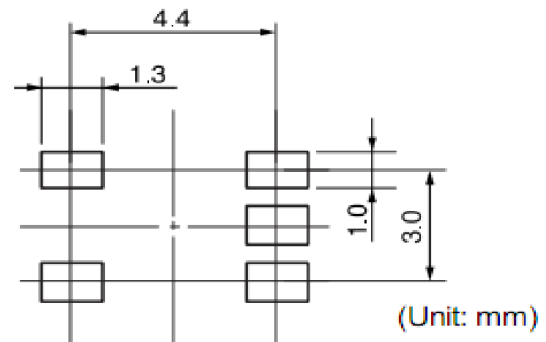
1、 DIMENSION DIAGRAM (Unit: mm)



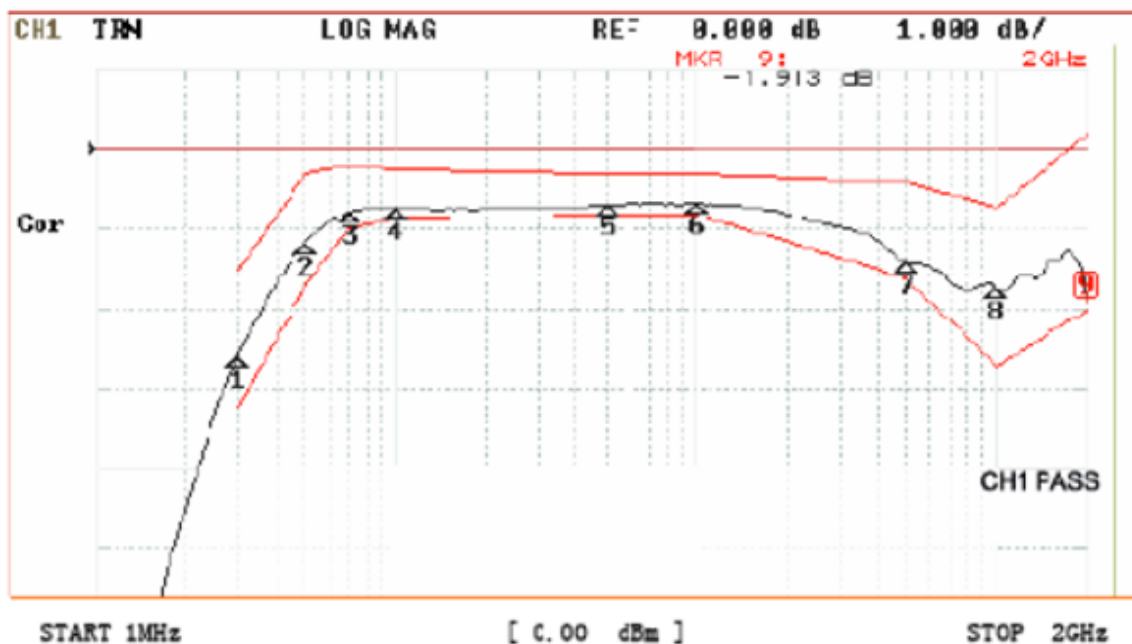
2、 ELECTRICAL STRUCTURE



3、 RECOMMENDED LAYOUT



4、 INSERTION LOSS TEST CURVE:

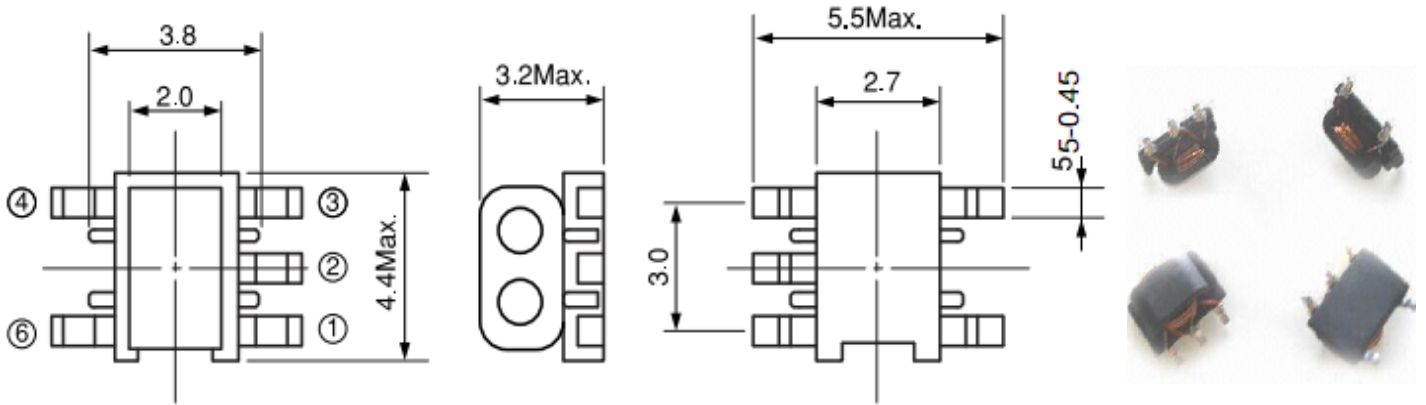


DRAW BY	<i>zheng yan fang</i>	CHECKED BY	<i>ye yong jun</i>	APPROVED BY	<i>deng gao</i>
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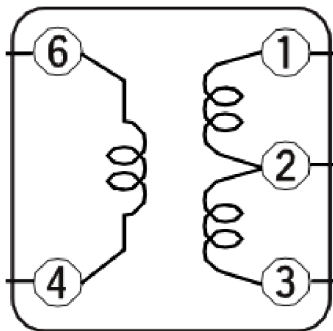
SPECIFICATION FOR APPROVAL

Part Number	YB4F-617PT-1667	Insertion Loss	(Impedance Ratio/阻抗比=50Ω:200Ω)
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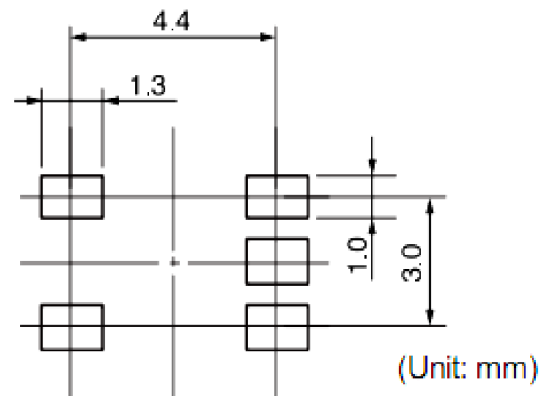
1、 DIMENSION DIAGRAM (Unit: mm)



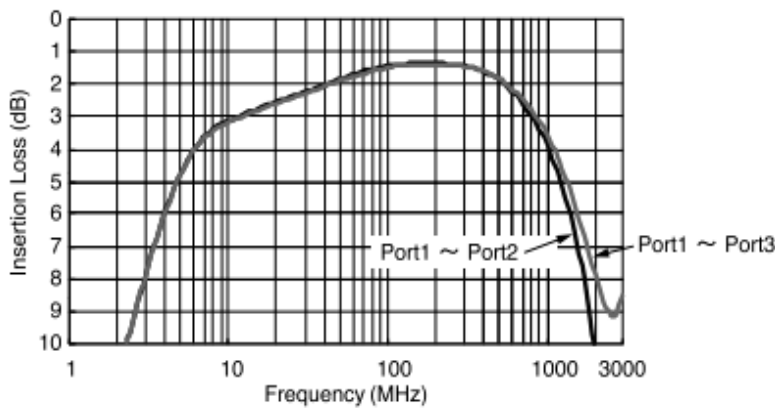
2、 ELECTRICAL STRUCTURE



3、 RECOMMENDED LAYOUT



4、 INSERTION LOSS TEST CURVE: (Impedance Ratio/阻抗比=50Ω:200Ω)

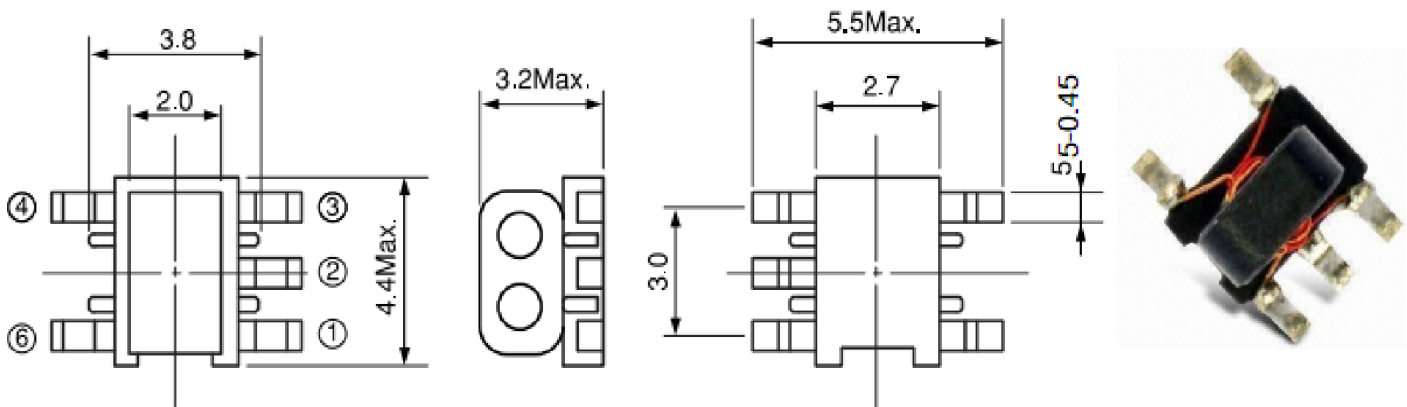


DRAW BY	<i>heng yan fang</i>	CHECKED BY	<i>ye yong jun</i>	APPROVED BY	<i>deng gao</i>
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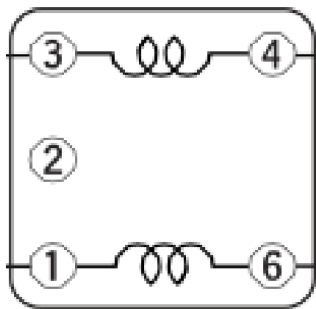
SPECIFICATION FOR APPROVAL

Part Number	YB4F-CX2156NL	Insertion Loss	2.3-2700MHz--0.5dB Max
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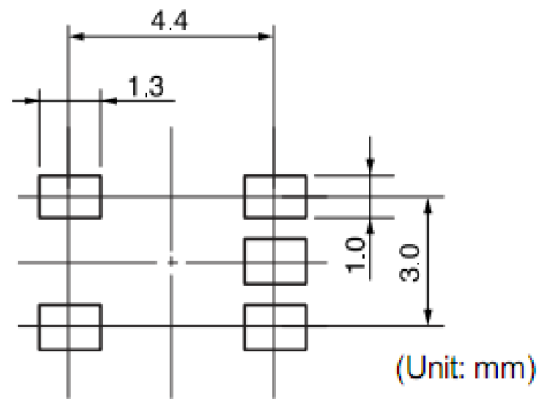
1、 DIMENSION DIAGRAM (Unit: mm)



2、 ELECTRICAL STRUCTURE



3、 RECOMMENDED LAYOUT

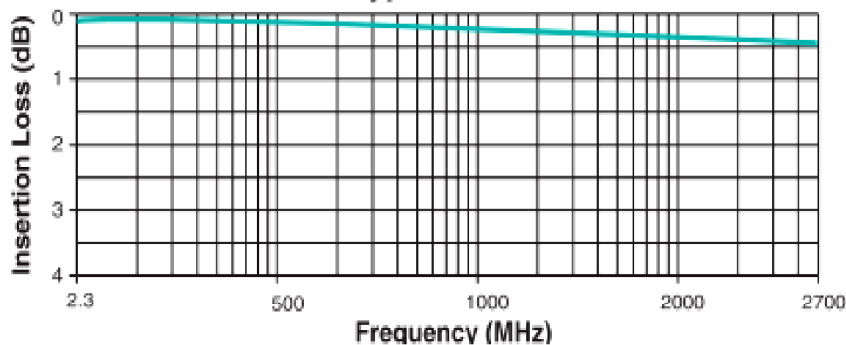


4、 INSERTION LOSS TEST CURVE:

Electrical Specifications @25°C

Part Number ⁴	Impedance Ratio ¹ Pri:Sec (±2%)	Turns Ratio ¹ Pri:Sec (±2%)	Bandwidth ^{2,3} (MHz TYP)	Insertion Loss @ Midband (dB)	Schematic
CX2156NL	1:1	1:1	2.3 - 2700	0.2	A

CX2156NL - Typical Insertion Loss



DRAW BY

zheng yan fang

CHECKED BY

ye yong jun

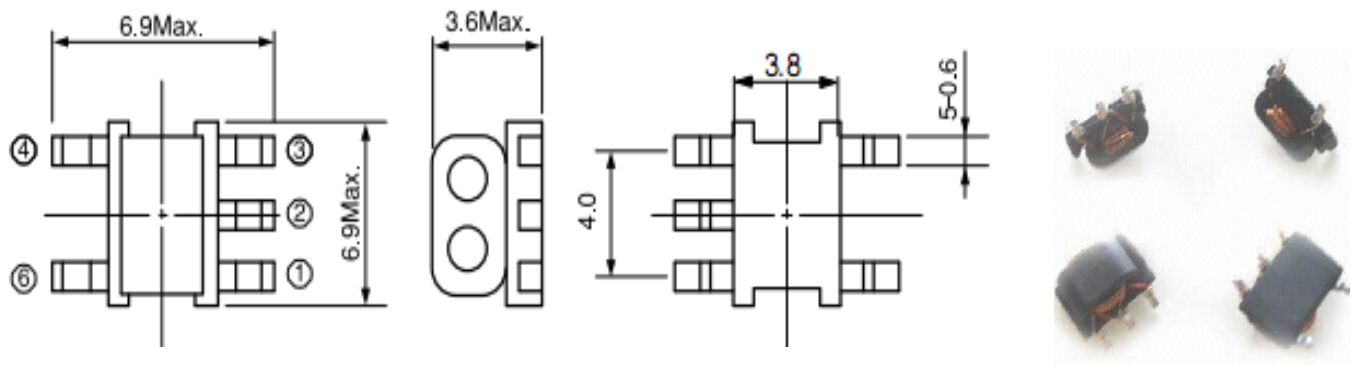
APPROVED BY

deng gao

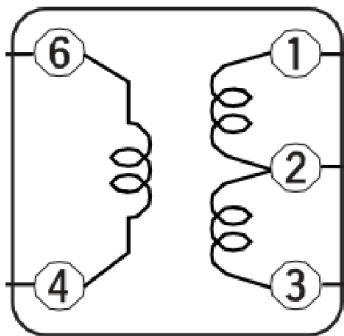
SPECIFICATION FOR APPROVAL

Part Number	YB5F-336-DT0038	Insertion Loss	5-100MHz----2.0dB Max
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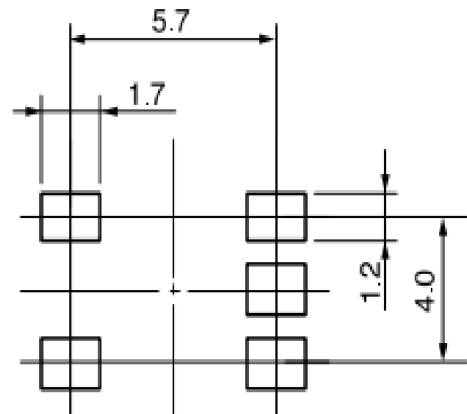
1、 DIMENSION DIAGRAM (Unit: mm)



2、 ELECTRICAL STRUCTURE



3、 RECOMMENDED LAYOUT



4、 ELECTRICAL CHARACTERISTICS:

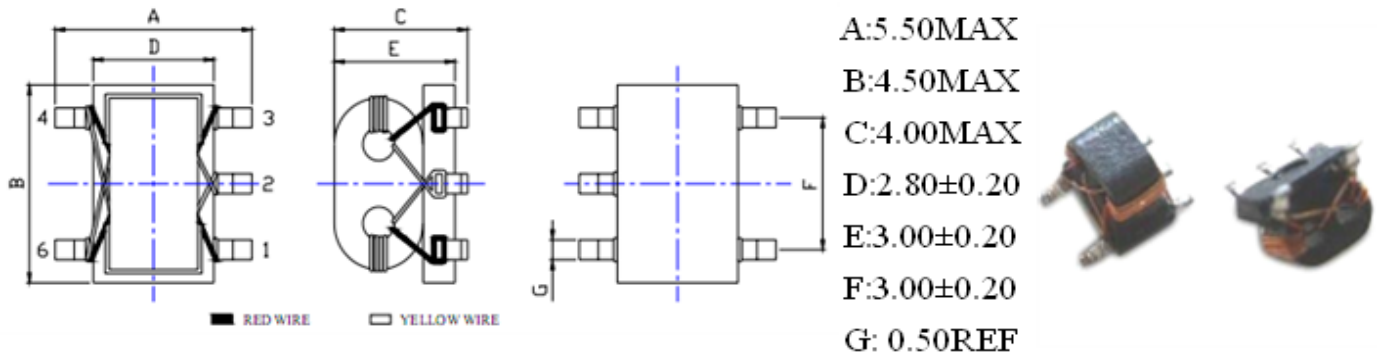
TEST ITEM	SPEC	FREQUENCY	SAMPLE1	SAMPLE2	SAMPLE3	SAMPLE4	SAMPLE5
Insertion Loss 6-4: 1-3	1.5 dB max	5MHz	0.60	0.56	0.56	0.56	0.56
Insertion Loss 6-4: 1-3	1.5 dB max	10MHz	0.58	0.58	0.58	0.58	0.58
Insertion Loss 6-4: 1-3	1.5 dB max	65MHz	1.16	1.15	1.15	1.14	1.15
Insertion Loss 6-4: 1-3	2.0 dB max	100MHz	1.35	1.34	1.34	1.36	1.35

DRAW BY	<i>zheng yan fang</i>	CHECKED BY	<i>ye yong jun</i>	APPROVED BY	<i>deng gao</i>
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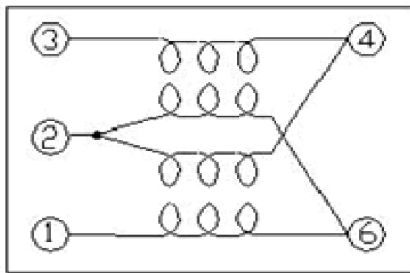
SPECIFICATION FOR APPROVAL

Part Number	YB4F-617PS-1660	Insertion Loss	100MHz----10.7dB Max
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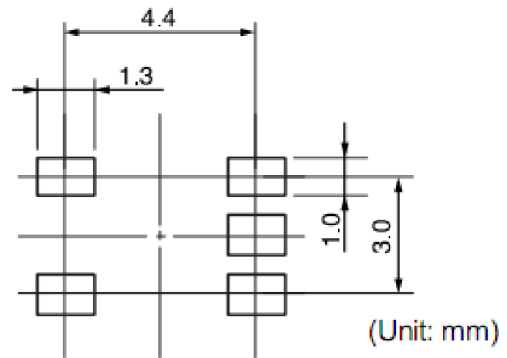
1、 DIMENSION DIAGRAM (Unit: mm) :



2、 ELECTRICAL STRUCTURE:

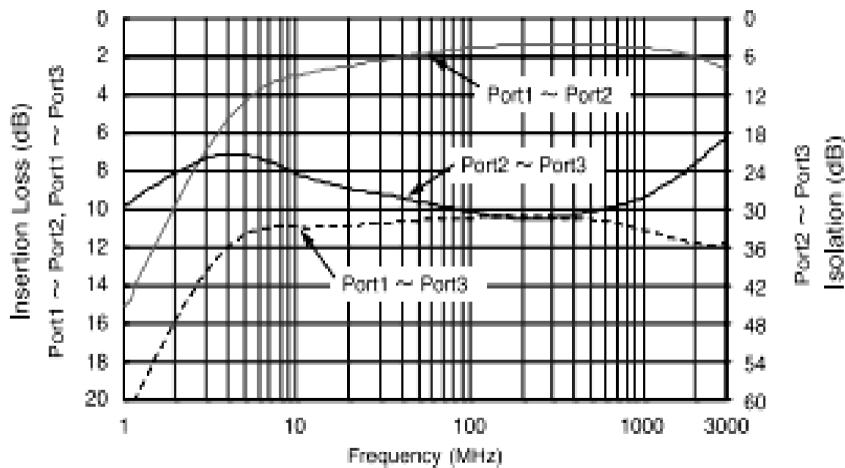


3、 RECOMMENDED LAYOUT:



TURNS: YL1(2-4)=YL2(2-6)=2.5TS, RL3(1-6)=RL4(3-4)=0.5TS(FIXED)

4、 INSERTION LOSS TEST CURVE: (YB4F-617PS-1660 50Ω SERIES)



DRAW BY

keng yan fan

CHECKED BY

ye yong jun

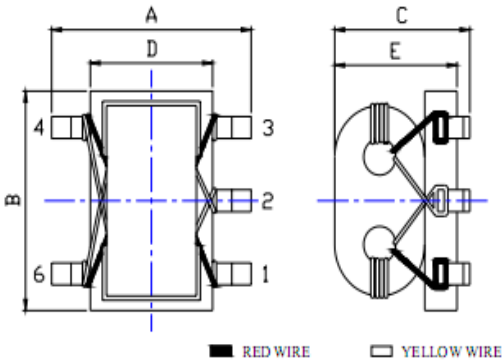
APPROVED BY

deng gao

SPECIFICATION FOR APPROVAL

Part Number	YB4F-617PS-1661	Insertion Loss	100MHz----13.0dB Max
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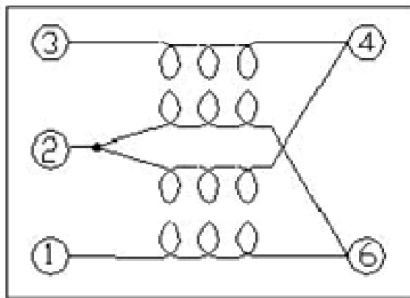
1、 DIMENSION DIAGRAM (Unit: mm) :



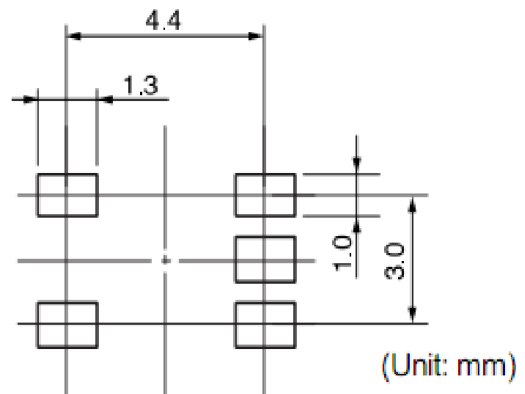
- A:5.50MAX
- B:4.50MAX
- C:4.00MAX
- D:2.80±0.20
- E:3.00±0.20
- F:3.00±0.20
- G: 0.50REF



2、 ELECTRICAL STRUCTURE:

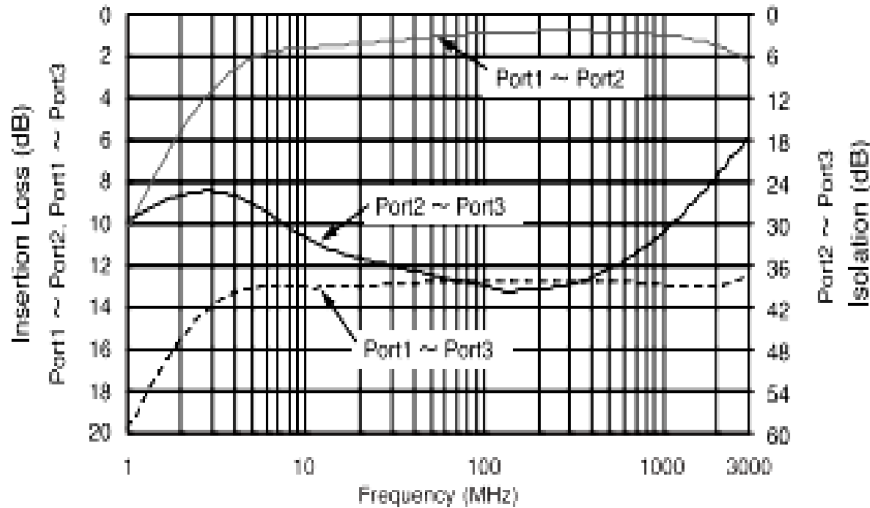


3、 RECOMMENDED LAYOUT:



TURNS:YL1(2-4)=YL2(2-6)=3.5TS,RL3(1-6)=RL4(3-4)=0.5TS(FIXED)

4、 INSERTION LOSS TEST CURVE: (YB4F-617PS-1661 50Ω SERIES)

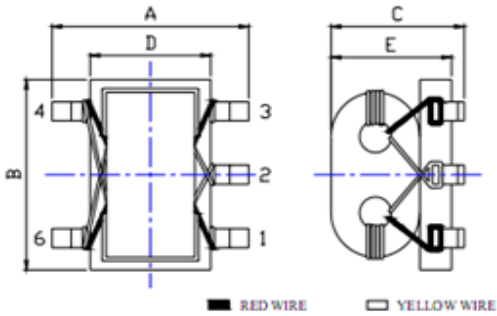


DRAW BY	<i>heng yan fan</i>	CHECKED BY	<i>ye yong jun</i>
APPROVED BY	<i>deng gao</i>		

SPECIFICATION FOR APPROVAL

Part Number	YB4F-617PS-1662	Insertion Loss	100MHz----14.7dB Max
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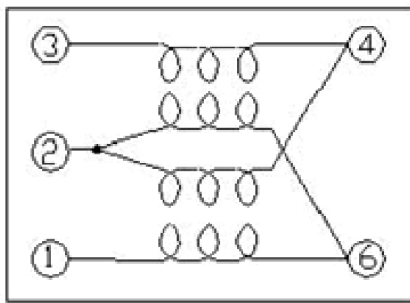
1、 DIMENSION DIAGRAM (Unit: mm) :



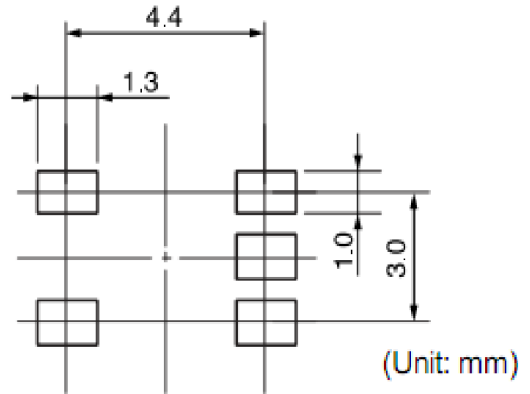
- A:5.50MAX
- B:4.50MAX
- C:4.00MAX
- D:2.80±0.20
- E:3.00±0.20
- F:3.00±0.20
- G: 0.50REF



2、 ELECTRICAL STRUCTURE:

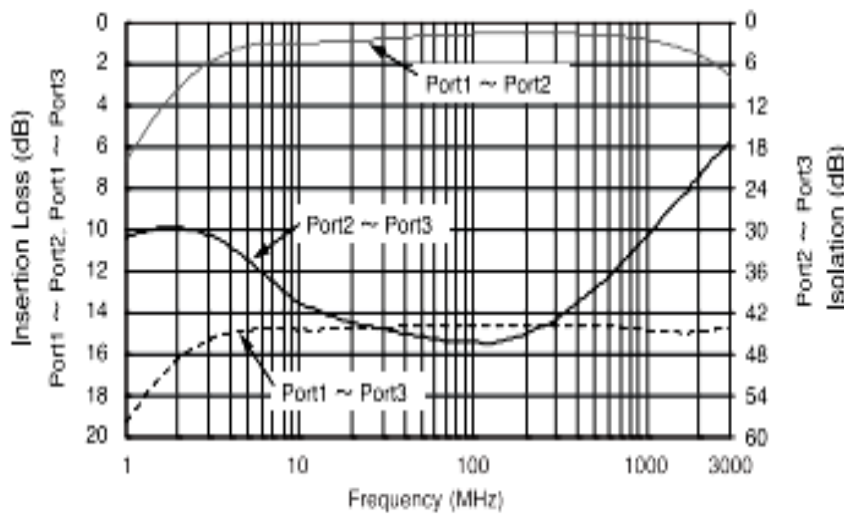


3、 RECOMMENDED LAYOUT:



TURNS:YL1(2-4)=YL2(2-6)=4.5TS,RL3(1-6)=RL4(3-4)=0.5TS(FIXED)

4、 INSERTION LOSS TEST CURVE: (YB4F-617PS-1662 50Ω SERIES)

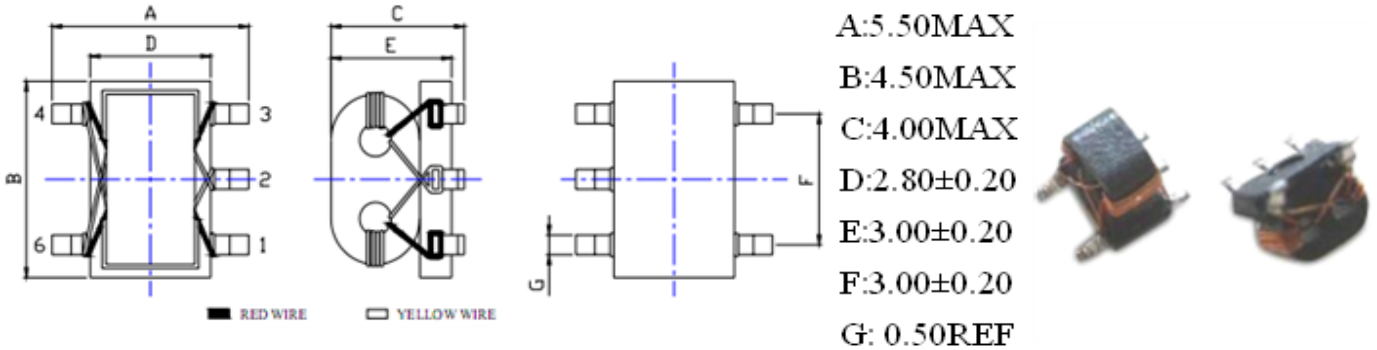


DRAW BY	<i>heng yan fang</i>	CHECKED BY	<i>ye yong jun</i>	APPROVED BY	<i>deng gao</i>
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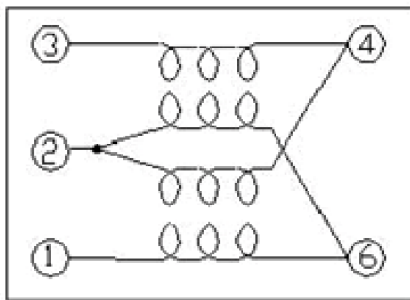
SPECIFICATION FOR APPROVAL

Part Number	YB4F-617PS-1663	Insertion Loss	100MHz----16.2dB Max
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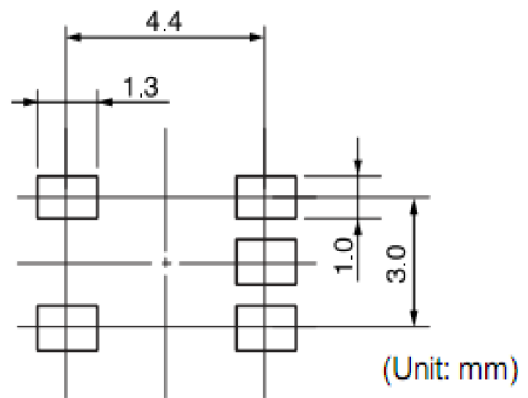
1、 DIMENSION DIAGRAM (Unit: mm) :



2、 ELECTRICAL STRUCTURE:

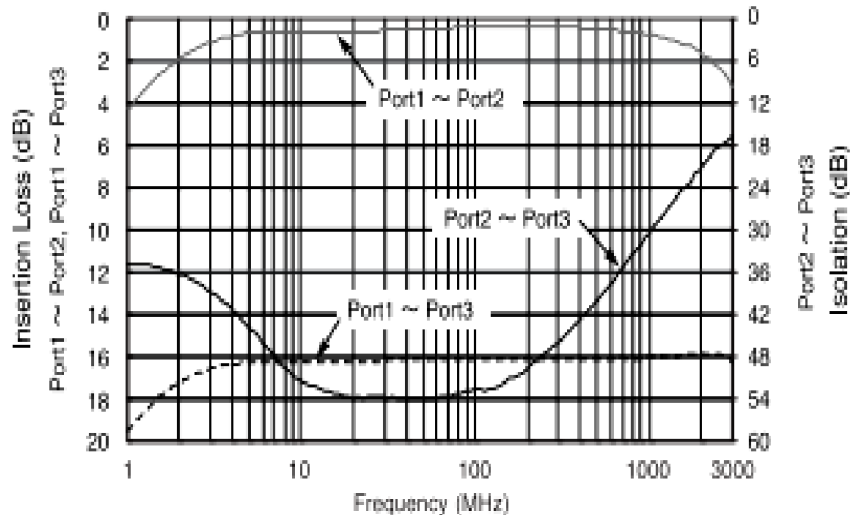


3、 RECOMMENDED LAYOUT:



TURNS:YL1(2-4)=YL2(2-6)=5.5TS,RL3(1-6)=RL4(3-4)=0.5TS(FIXED)

4、 INSERTION LOSS TEST CURVE: (YB4F-617PS-1663 50Ω SERIES)

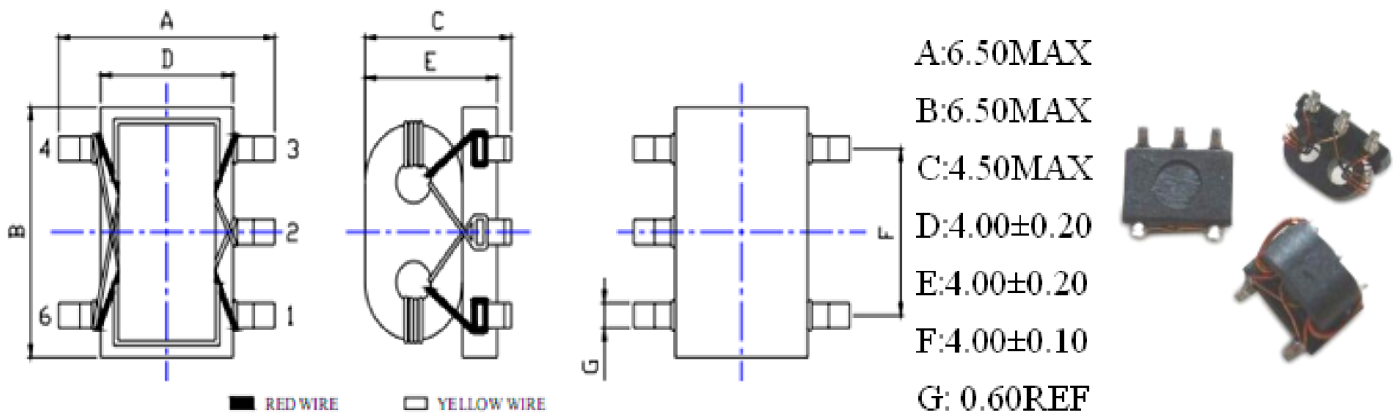


DRAW BY	<i>heng yan fang</i>	CHECKED BY	<i>ye yong jun</i>	APPROVED BY	<i>deng gao</i>
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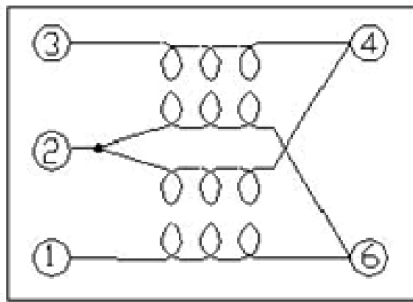
SPECIFICATION FOR APPROVAL

Part Number	YB5F-SC60440002S	Insertion Loss	10MHz-1GHz-6.0dB Max
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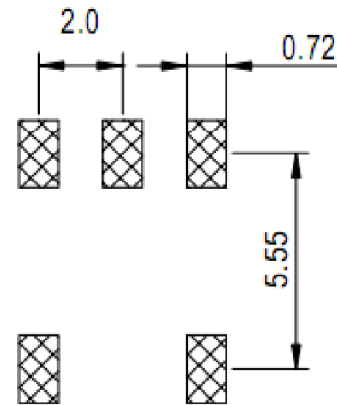
1、 DIMENSION DIAGRAM (Unit: mm) :



2、 ELECTRICAL STRUCTURE:



3、 RECOMMENDED LAYOUT:



(PCB Pattern)

4、 ELECTRICAL CHARACTERISTICS:

TURNS : YL1(2-4)=YL2(2-6)=2.5TS,RL3(1-6)=RL4(3-4)=0.5TS(FIXED)

TEST FREQUENCY: 100KHZ/0.25V(TH2776B)

INDUCTANCE : L(1-3)=2.0uH (REF)

DC RESISTANCE : R(1-3)=100 mΩ MAX(TH502BC)

INSERTION LOSS : 6.0dB(MAX) (AT 10MHz-1.0GMHz)

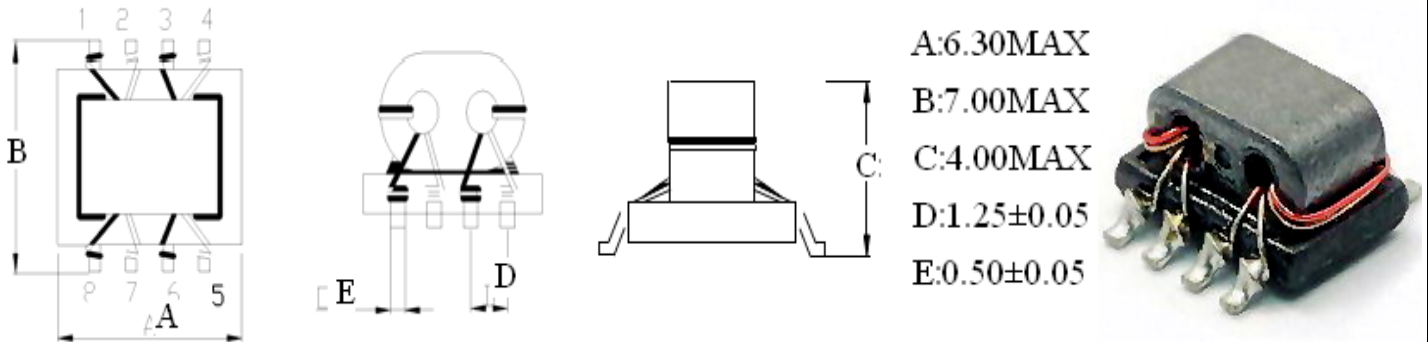
- ① -3.1380 dB / 10 MHz
- ② -1.8866 dB / 50 MHz
- ③ -2.1536 dB / 300 MHz
- ④ -4.5075 dB / 1000 MHz
- ⑤ -4.6947 dB / 1050 MHz

DRAW BY	<i>heng yan fan</i>	CHECKED BY	<i>ye yong jun</i>	APPROVED BY	<i>deng gao</i>
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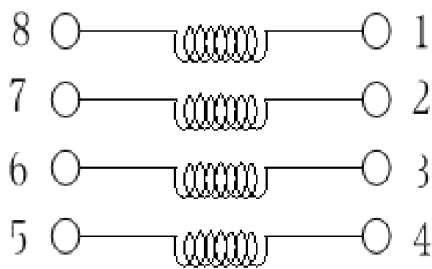
SPECIFICATION FOR APPROVAL

Part Number	YB7F-0404-900	Insertion Loss	100MHz----90Ω Min
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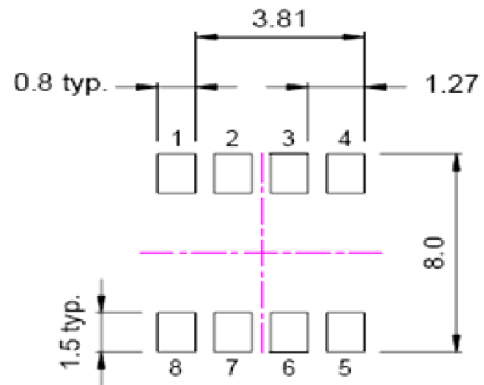
1、 DIMENSION DIAGRAM (Unit: mm) :



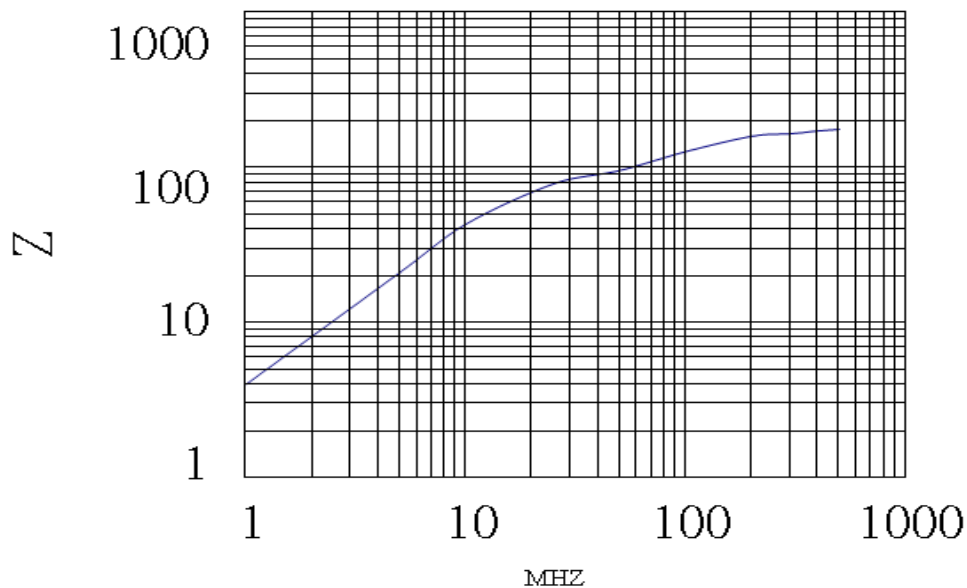
2、 ELECTRICAL STRUCTURE:



3、 RECOMMENDED LAYOUT:



4、 INSERTION LOSS TEST CURVE:

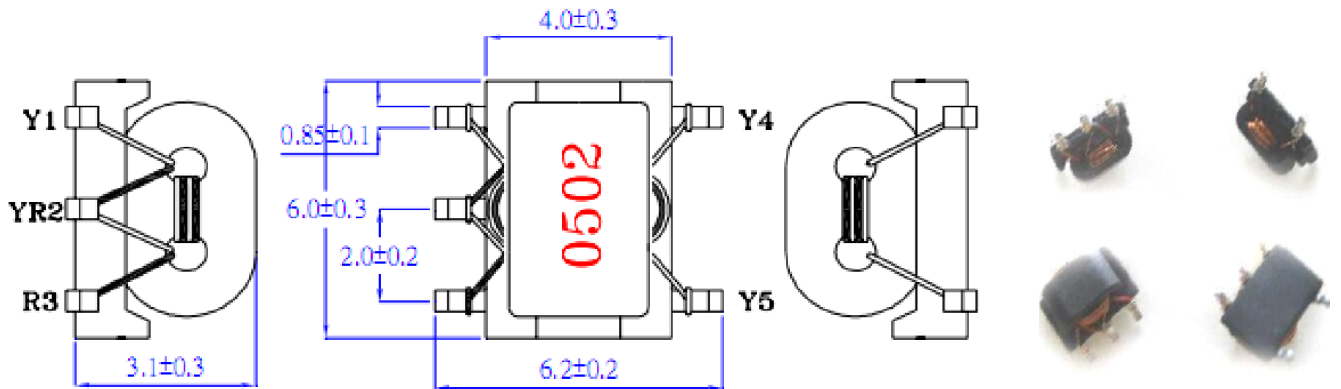


DRAW BY	<i>heng yan fang</i>	CHECKED BY	<i>ye yong jun</i>	APPROVED BY	<i>deng gao</i>
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SPECIFICATION FOR APPROVAL

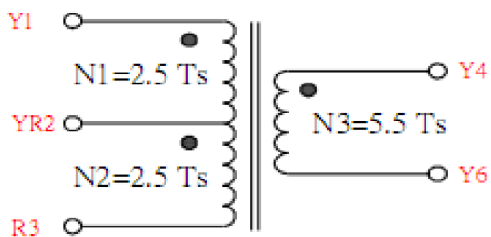
Part Number	YB5F-458PT-0502	Insertion Loss	0-75MHz at 0.8dB Max
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1、 DIMENSION DIAGRAM (Unit: mm)

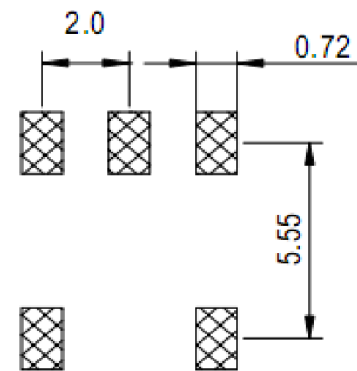


2、 ELECTRICAL STRUCTURE

ELECTRICAL SCHEMATIC



3、 RECOMMENDED LAYOUT



(PCB Pattern)

4、 ELECTRICAL CHARACTERISTICS:

MEAS. ITEM	SPEC.	TEST FREQ.
Insertion Loss	0.8 dB Max.	0~75MHz
Return Loss	10 dB Min.	0~75MHz
DCR1	0.1 Ω Max.	
DCR2	0.1 Ω Max.	
DCR3	0.2 Ω Max.	
IDC1	0.8 A Max.	1KHz/1V
IDC2	0.8 A Max.	1KHz/1V
IDC3	0.8 A Max.	1KHz/1V

DRAW BY

zheng yan fang

CHECKED BY

ye yong jun

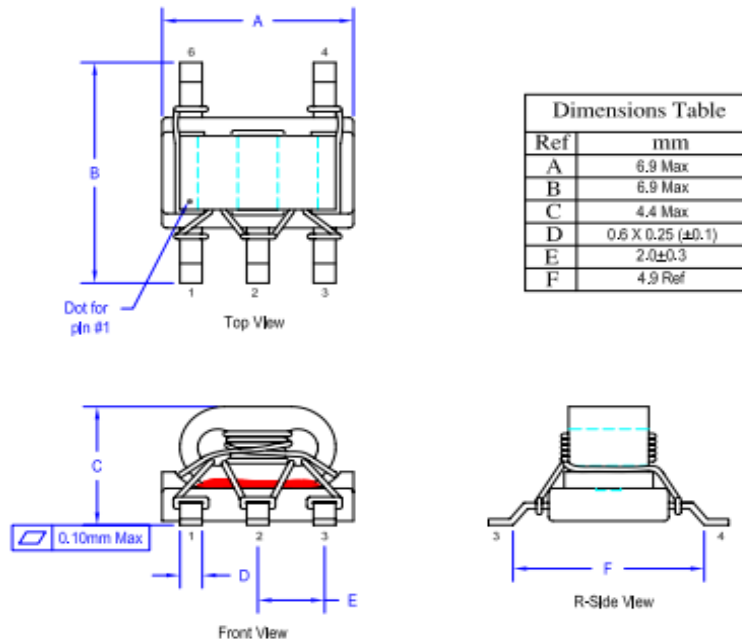
APPROVED BY

deng gao

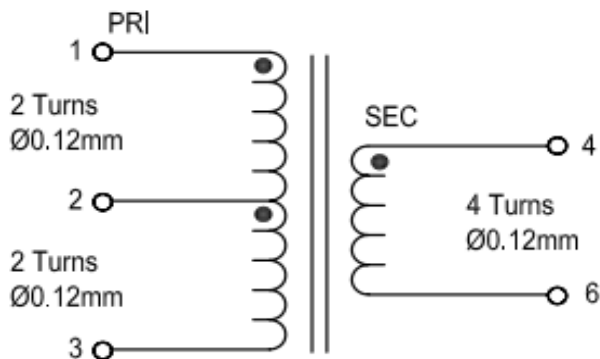
SPECIFICATION FOR APPROVAL

Part Number	YB5F-458PT-8242LF	Insertion Loss	5-100MHz at 1.5-2.0dB Max
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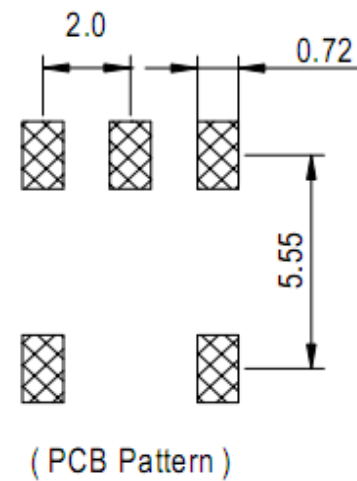
1、 DIMENSION DIAGRAM (Unit: mm)



2、 ELECTRICAL STRUCTURE



3、 RECOMMENDED LAYOUT



4、 ELECTRICAL CHARACTERISTICS:

Insertion Loss:	(4-6):(1-3): 1.5dB Max @ 5MHz 1.5dB Max @ 10MHz 1.5dB Max @ 65MHz 2.0dB Max @ 100MHz
Turns Ratio:	(1-3):(4-6)=1:1 ±3% @ 100KHz, 0.1V (1-2):(4-6)=1:2 ±3%
Operating Temperature Range:	-40°C ~ 85°C

DRAW BY	<i>heng yan fang</i>	CHECKED BY	<i>ye yong jun</i>	APPROVED BY	<i>deng gao</i>
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SPECIFICATION FOR APPROVAL

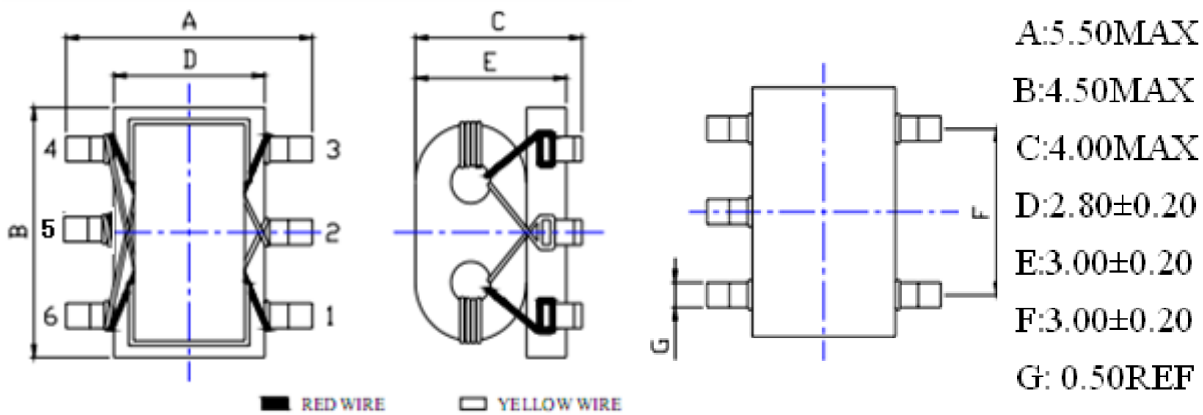
Part Number

YB4F-617DS-1676

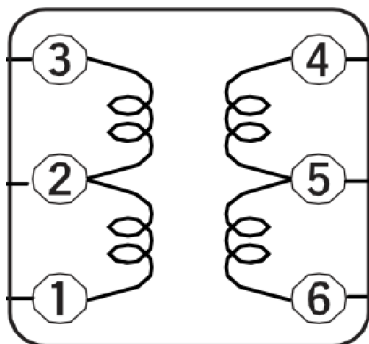
Impedance Ratio

50Ω series

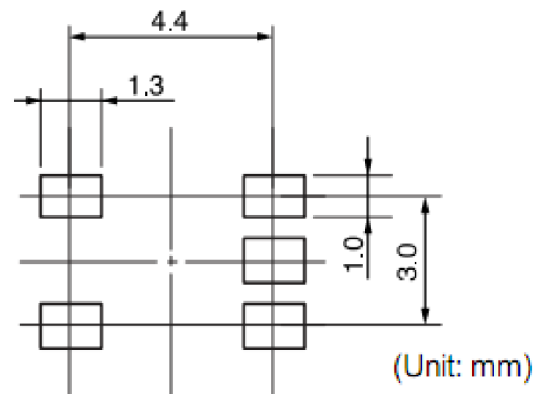
1、 DIMENSION DIAGRAM (Unit: mm)



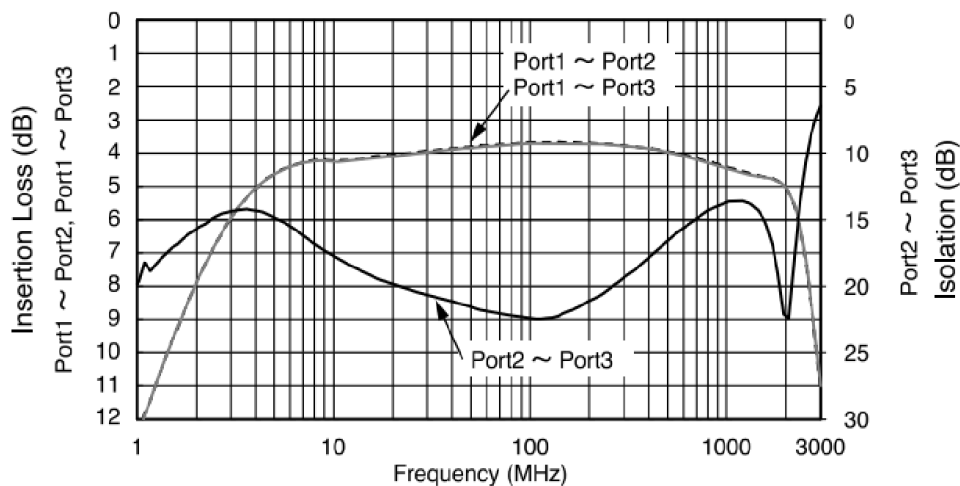
2、 ELECTRICAL STRUCTURE



3、 RECOMMENDED LAYOUT



4、 INSERTION LOSS TEST CURVE:



DRAW BY

heng yan fan

CHECKED BY

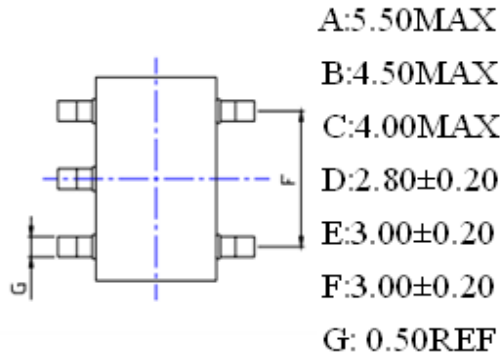
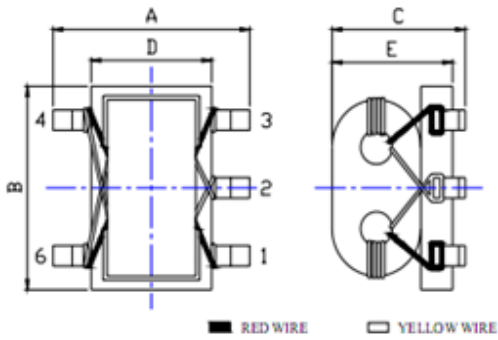
ye yong jun

APPROVED BY

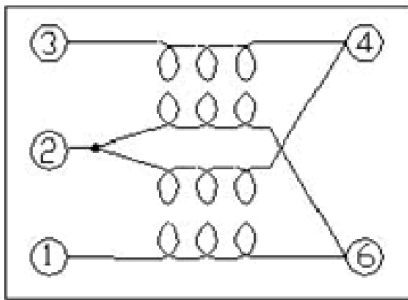
deng gao

Part Number	YB4F-617DS-1714	Impedance Ratio	50Ω:200Ω
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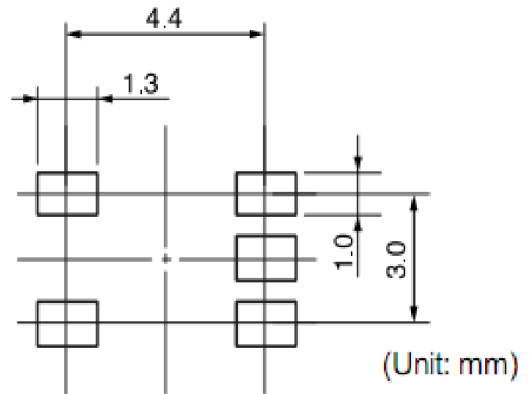
1、 DIMENSION DIAGRAM (Unit: mm) :



2、 ELECTRICAL STRUCTURE:

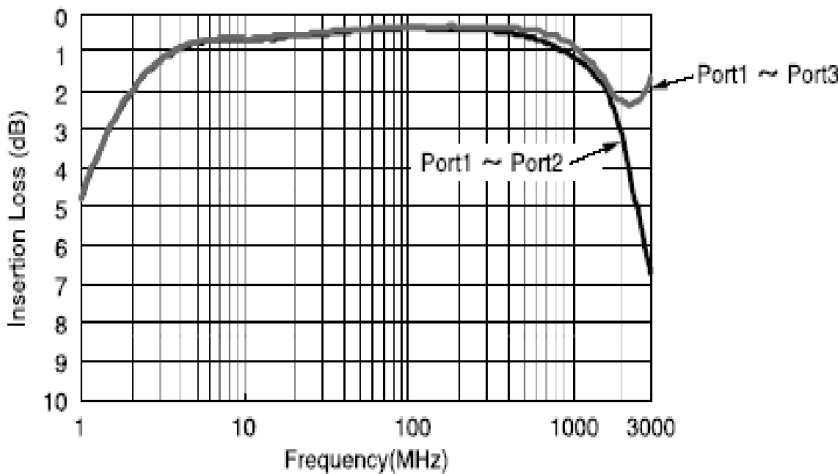


3、 RECOMMENDED LAYOUT:



TURNS:YL1(2-4)=YL2(2-6)=5.5TS,RL3(1-6)=RL4(3-4)=0.5TS(FIXED)

4、 INSERTION LOSS TEST CURVE: (YB4F-617DS-1714 50Ω:200Ω)

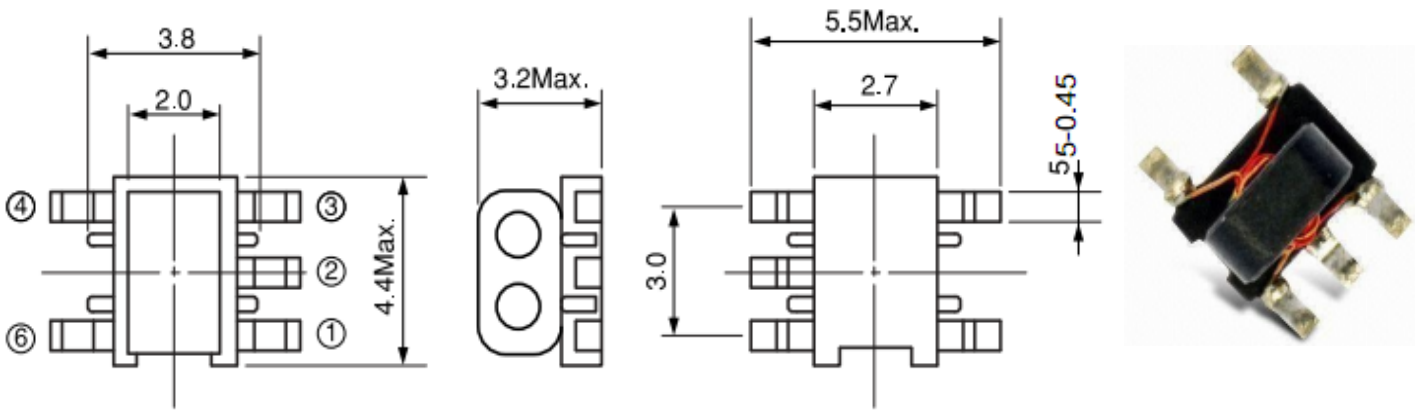


DRAW BY	<i>heng yan fang</i>	CHECKED BY	<i>ye yong jun</i>	APPROVED BY	<i>deng gao</i>
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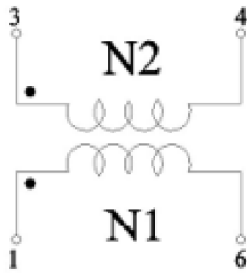
SPECIFICATION FOR APPROVAL

Part Number	YB4F-617DB-1653	Impedance Ratio	50Ω:50Ω
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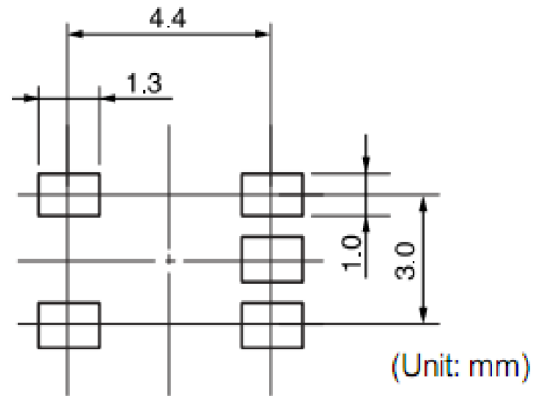
1、 DIMENSION DIAGRAM (Unit: mm)



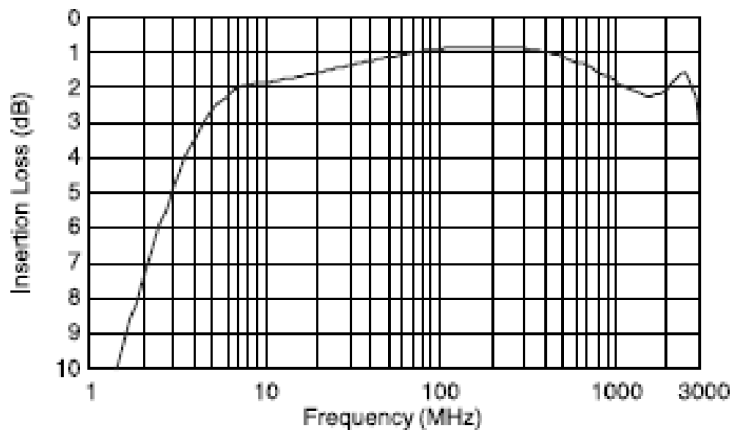
2、 ELECTRICAL STRUCTURE



3、 RECOMMENDED LAYOUT



4、 INSERTION LOSS TEST CURVE: (YB4F-617DB-1653 50Ω:50Ω)

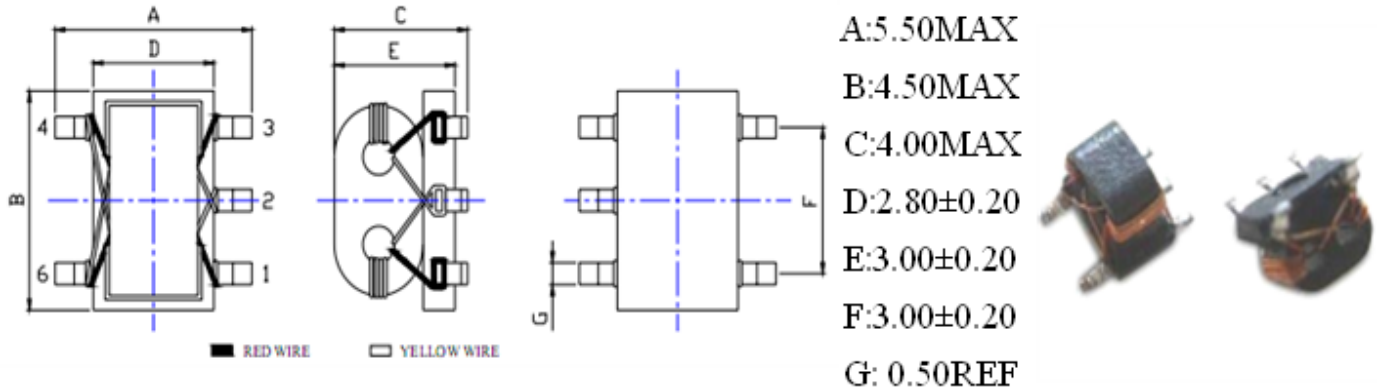


DRAW BY	<i>heng yan fan</i>	CHECKED BY	<i>ye yong jun</i>	APPROVED BY	<i>deng gao</i>
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SPECIFICATION FOR APPROVAL

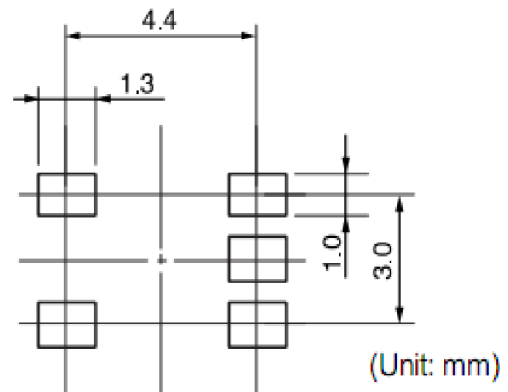
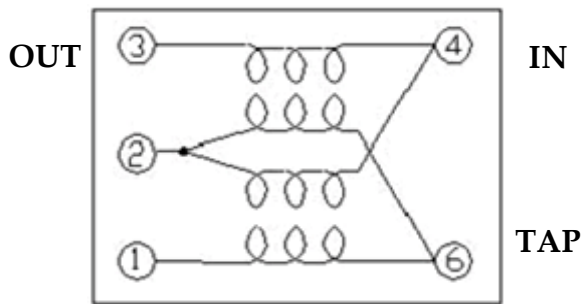
Part Number	YB4F-617PS-0595	Insertion Loss	5-862MHz--2.0dB Max
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1、 DIMENSION DIAGRAM (Unit: mm) :



2、 ELECTRICAL STRUCTURE:

3、 RECOMMENDED LAYOUT:



4、 ELECTRICAL CHARACTERISTICS:

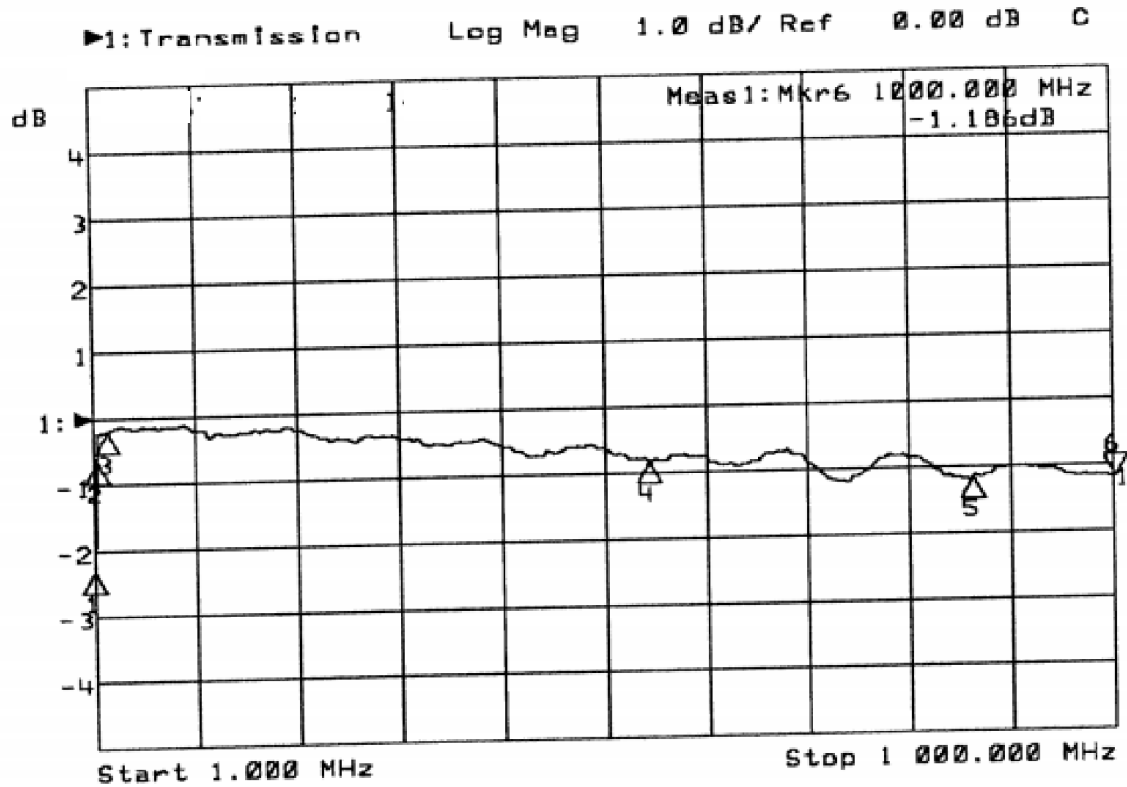
- INSERTION LOSS:** 2.0dB Max & 5-862MHz (IN--OUT) (HP8714B)
 25.0dB Max & 5-862MHz (IN--TAP) (HP8714B)
- REFLECTION LOSS:** 9.0dB Min & 5-862MHz (INPUT) (HP8714B)
 9.0dB Min & 5-862MHz (TAP) (HP8714B)
 7.0dB Min & 5-862MHz (OUTPUT) (HP8714B)

DRAW BY	<i>zheng yan fang</i>	CHECKED BY	<i>ye yong jun</i>	APPROVED BY	<i>deng gao</i>
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SPECIFICATION FOR APPROVAL

Part Number	YB4F-617PS-0595	Insertion Loss	5-862MHz--2.0dB Max
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5、INSERTION LOSS TEST CURVE:



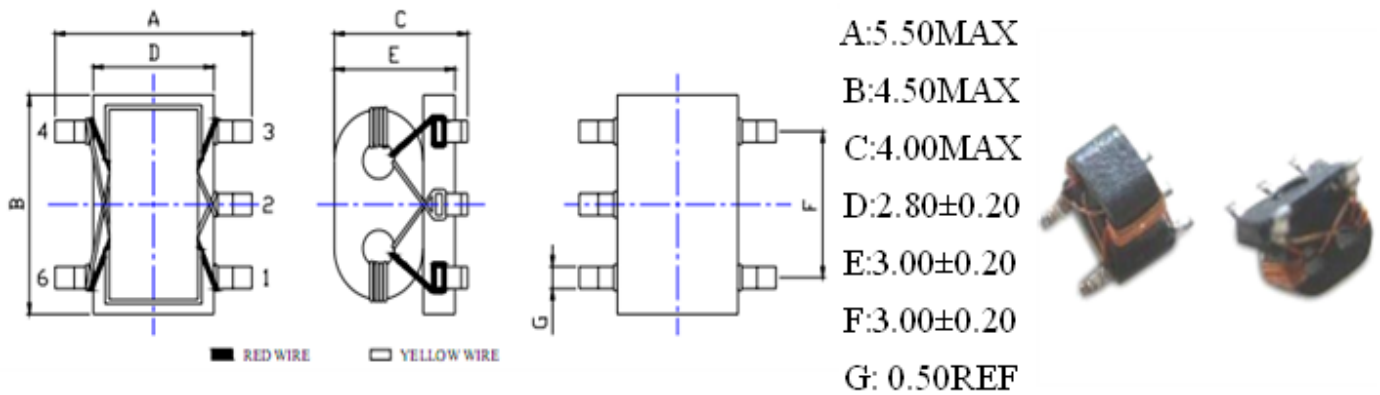
1:	1.000 MHz	--2.295 dB
2:	5.000 MHz	--0.650 dB
3:	15.000 MHz	--0.189 dB
4:	545.000 MHz	--0.825 dB
5:	862.000 MHz	--1.160 dB
6:	1000.000 MHz	--1.186 dB

DRAW BY	<i>zheng yan fang</i>	CHECKED BY	<i>ye yong jun</i>	APPROVED BY	<i>deng gao</i>
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SPECIFICATION FOR APPROVAL

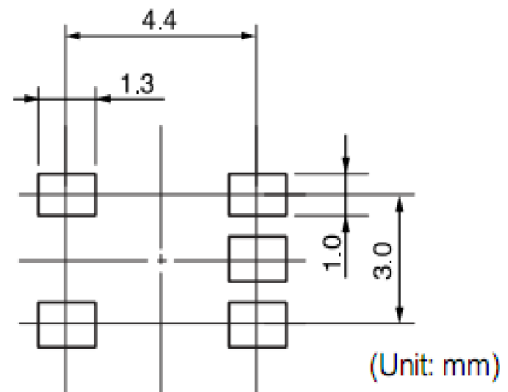
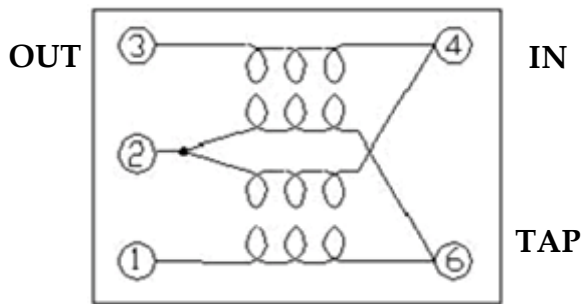
Part Number	YB4F-617PS-0565	Insertion Loss	5-862MHz--2.0dB Max
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1、 DIMENSION DIAGRAM (Unit: mm) :



2、 ELECTRICAL STRUCTURE:

3、 RECOMMENDED LAYOUT:



4、 ELECTRICAL CHARACTERISTICS:

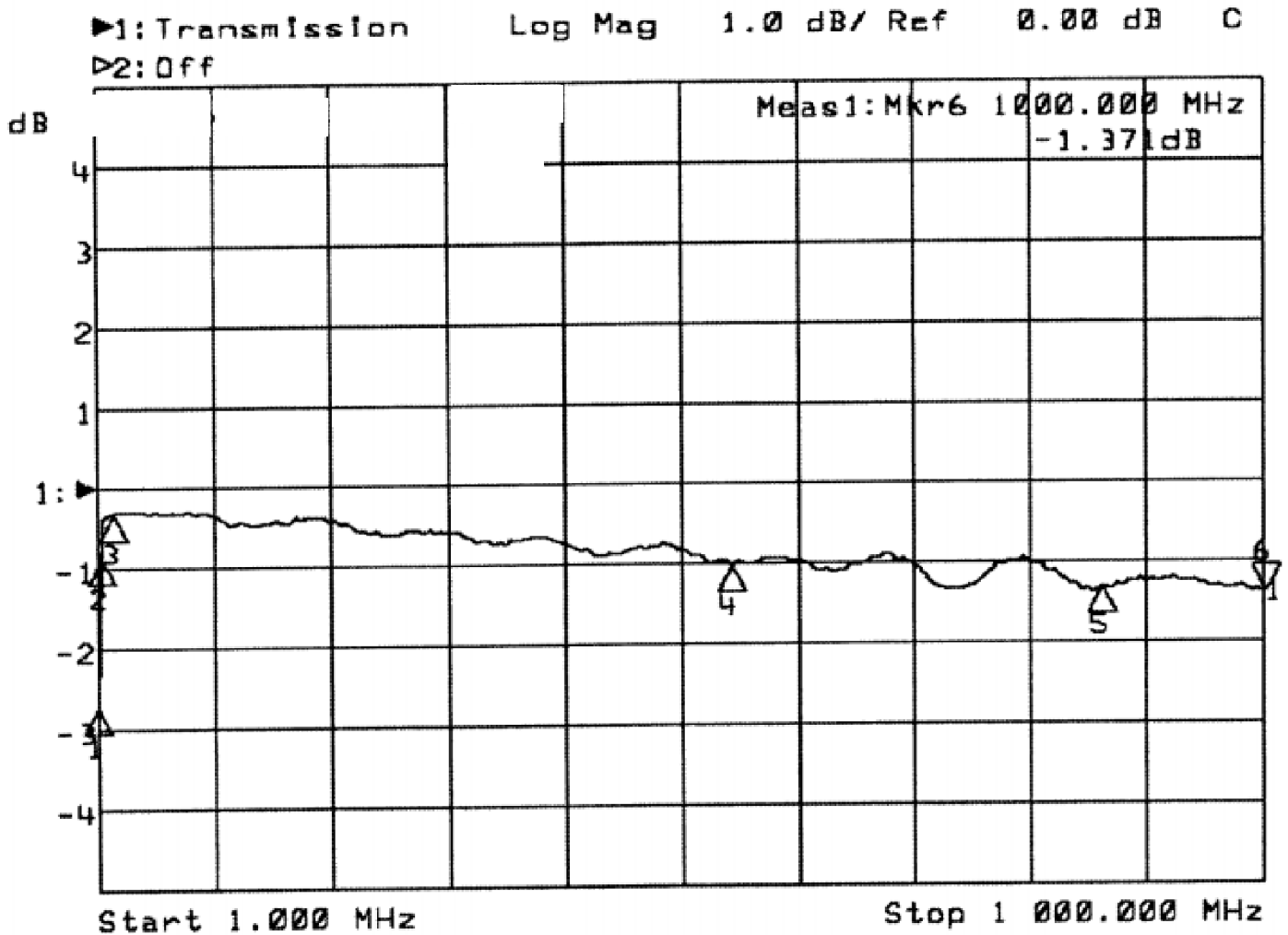
- INSERTION LOSS:** 2.0dB Max & 5-862MHz (IN--OUT) (HP8714B)
 20.0dB Max & 5-862MHz (IN--TAP) (HP8714B)
- REFLECTION LOSS:** 8.0dB Min & 5-862MHz (INPUT) (HP8714B)
 10.0dB Min & 5-862MHz (TAP) (HP8714B)
 8.0dB Min & 5-862MHz (OUTPUT) (HP8714B)

DRAW BY	<i>zheng yan fang</i>	CHECKED BY	<i>ye yong jun</i>	APPROVED BY	<i>deng gao</i>
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SPECIFICATION FOR APPROVAL

Part Number	YB4F-617PS-0565	Insertion Loss	5-862MHz--2.0dB Max
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5、INSERTION LOSS TEST CURVE:



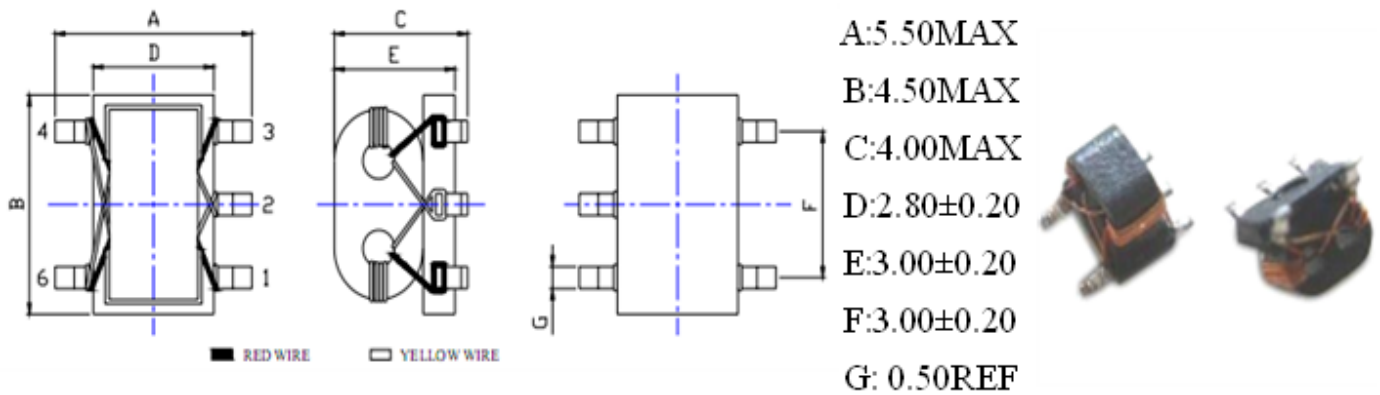
1:	1.000 MHz	--2.720 dB
2:	5.000 MHz	--0.865 dB
3:	15.000 MHz	--0.315 dB
4:	545.000 MHz	--1.018 dB
5:	862.000 MHz	--1.310 dB
6:	1000.000 MHz	--1.371 dB

DRAW BY	<i>zheng yan fang</i>	CHECKED BY	<i>ye yong jun</i>	APPROVED BY	<i>deng gao</i>
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SPECIFICATION FOR APPROVAL

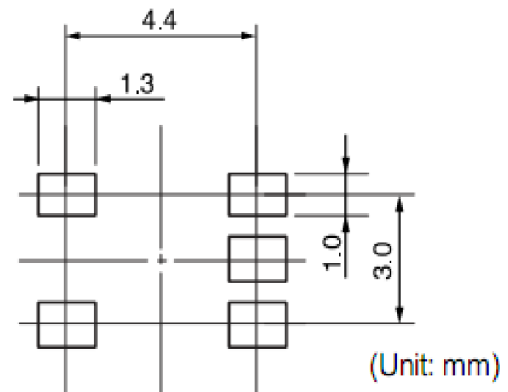
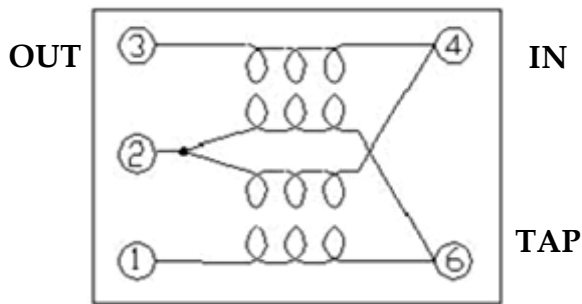
Part Number	YB4F-617PS-1156	Insertion Loss	5-862MHz--2.3dB Max
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1、 DIMENSION DIAGRAM (Unit: mm) :



2、 ELECTRICAL STRUCTURE:

3、 RECOMMENDED LAYOUT:



4、 ELECTRICAL CHARACTERISTICS:

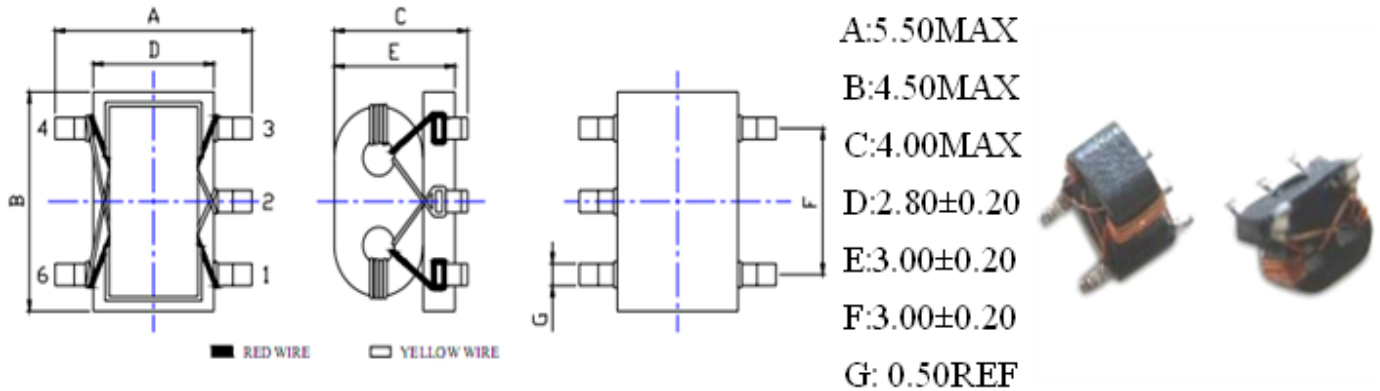
- INSERTION LOSS:** 2.3dB Max & 5-862MHz (IN--OUT) (HP8714B)
 20.0dB Max & 5-862MHz (IN--TAP) (HP8714B)
- REFLECTION LOSS:** 8.0dB Min & 5-862MHz (INPUT) (HP8714B)
 10.0dB Min & 5-862MHz (TAP) (HP8714B)
 8.0dB Min & 5-862MHz (OUTPUT) (HP8714B)

DRAW BY	<i>zheng yan fang</i>	CHECKED BY	<i>ye yong jun</i>	APPROVED BY	<i>deng gao</i>
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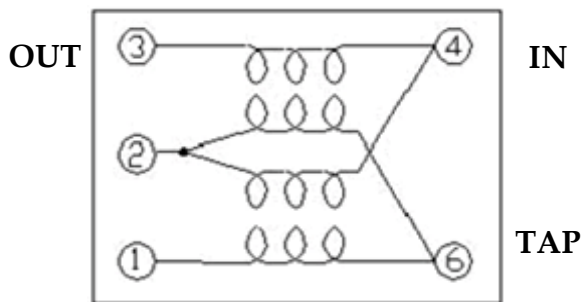
SPECIFICATION FOR APPROVAL

Part Number	YB4F-617PS-2254	Insertion Loss	5-862MHz--3.0dB Max
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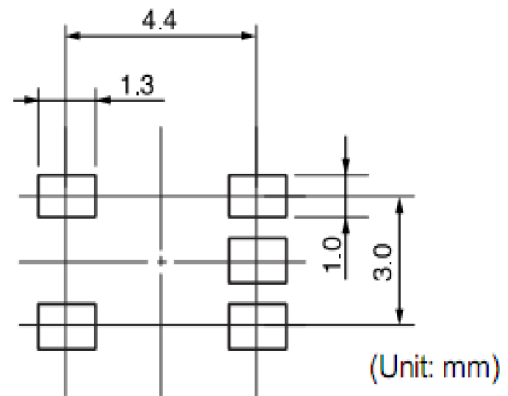
1、 DIMENSION DIAGRAM (Unit: mm) :



2、 ELECTRICAL STRUCTURE:



3、 RECOMMENDED LAYOUT:



4、 ELECTRICAL CHARACTERISTICS:

INSERTION LOSS: 3.0dB Max & 5-862MHz (IN--OUT) (HP8714B)
11.0dB Max & 5-862MHz (IN--TAP) (HP8714B)
REFLECTION LOSS: 8.0dB Min & 5-862MHz (INPUT) (HP8714B)
11.0dB Min & 5-862MHz (TAP) (HP8714B)
8.0dB Min & 5-862MHz (OUTPUT) (HP8714B)

DRAW BY

zheng yan fang

CHECKED BY

ye yong jun

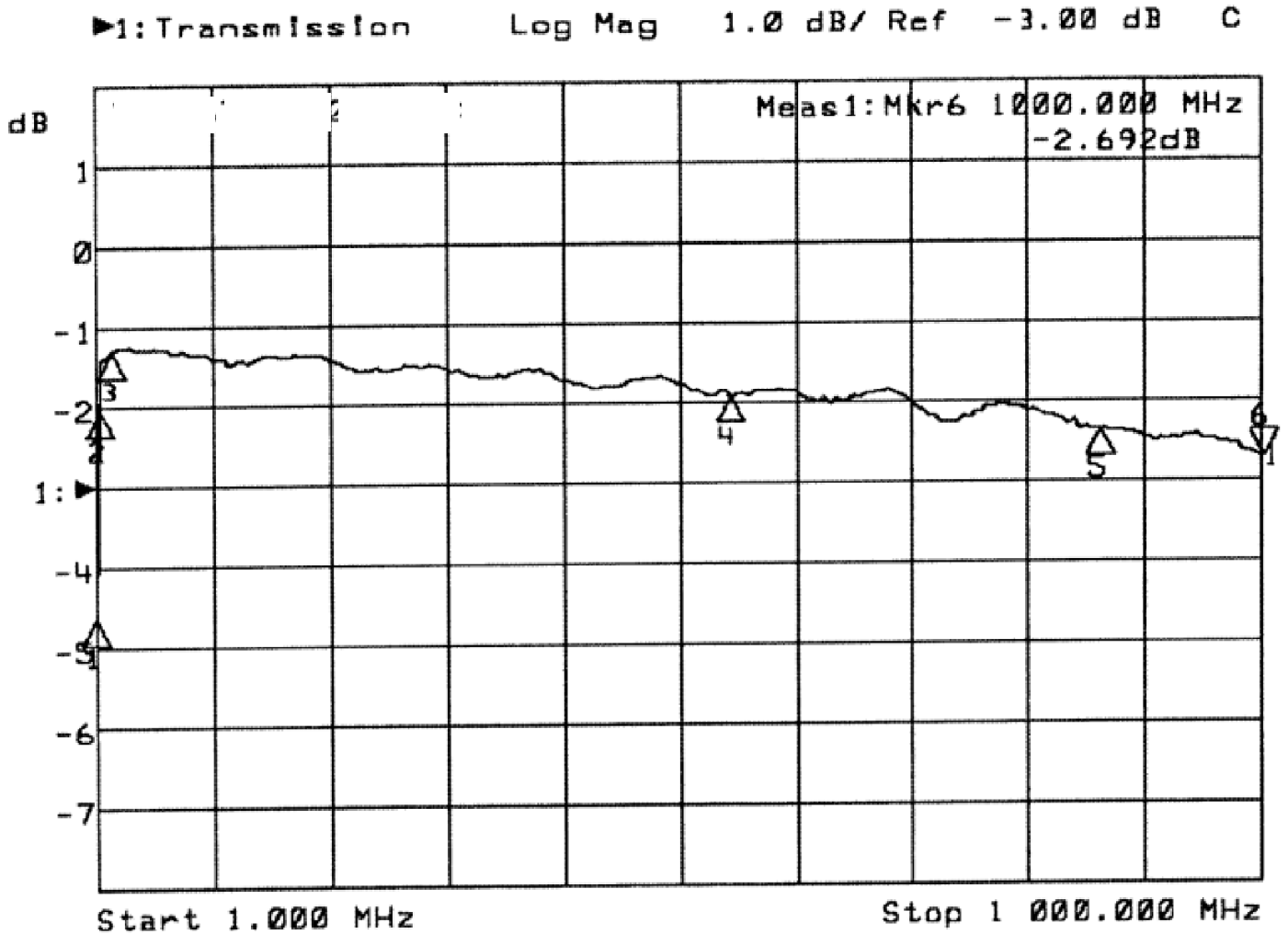
APPROVED BY

deng gao

SPECIFICATION FOR APPROVAL

Part Number	YB4F-617PS-2254	Insertion Loss	5-862MHz--3.0dB Max
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5、INSERTION LOSS TEST CURVE:



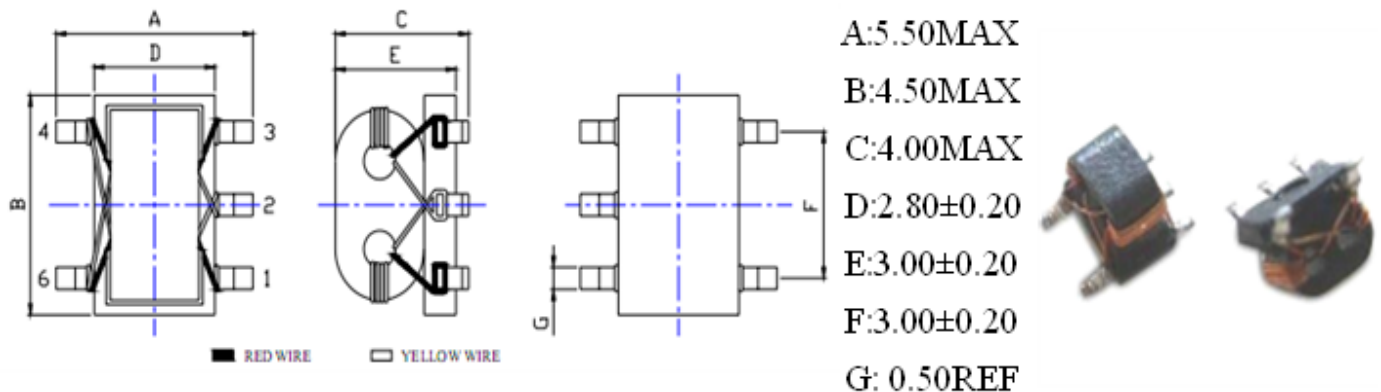
1:	1.000 MHz	--4.615 dB
2:	5.000 MHz	--2.048 dB
3:	15.000 MHz	--1.300 dB
4:	545.000 MHz	--1.925 dB
5:	862.000 MHz	--2.320 dB
6:	1000.000 MHz	--2.692 dB

DRAW BY	<i>zheng yan fang</i>	CHECKED BY	<i>ye yong jun</i>	APPROVED BY	<i>deng gao</i>
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SPECIFICATION FOR APPROVAL

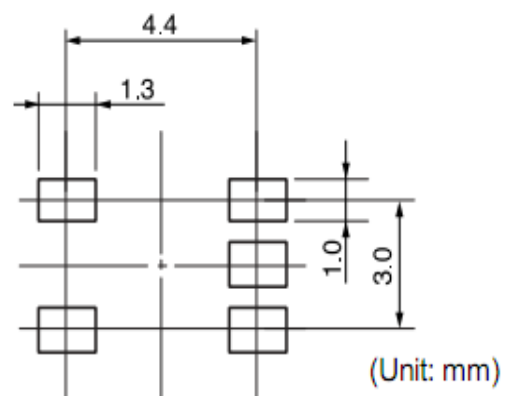
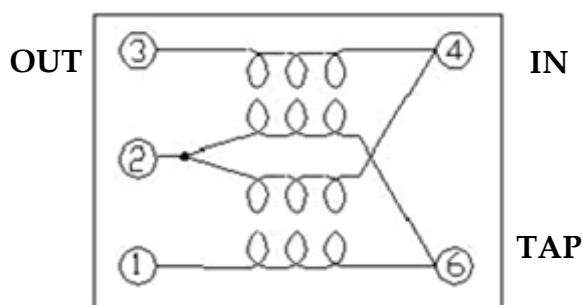
Part Number	YB4F-617PS-1236	Insertion Loss	5-862MHz--2.5dB Max
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1、 DIMENSION DIAGRAM (Unit: mm) :



2、 ELECTRICAL STRUCTURE:

3、 RECOMMENDED LAYOUT:



4、 ELECTRICAL CHARACTERISTICS:

INSERTION LOSS: 2.5dB Max & 5-862MHz (IN--OUT) (HP8714B)
 16.0dB Max & 5-862MHz (IN--TAP) (HP8714B)

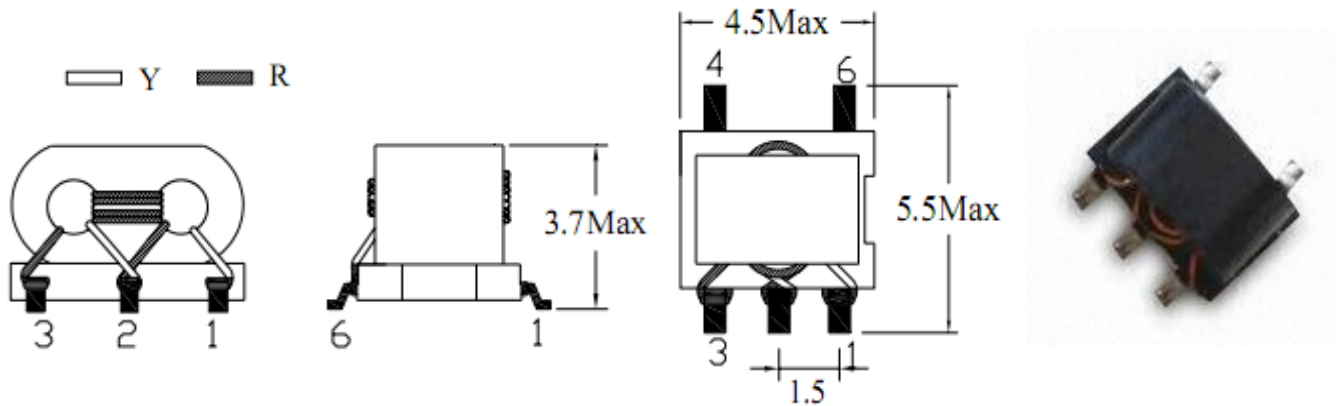
REFLECTION LOSS: 8.0dB Min & 5-862MHz (INPUT) (HP8714B)
 11.0dB Min & 5-862MHz (TAP) (HP8714B)
 8.0dB Min & 5-862MHz (OUTPUT) (HP8714B)

DRAW BY	zheng yan fang	CHECKED BY	ye yong jun	APPROVED BY	deng gao
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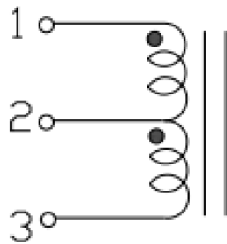
SPECIFICATION FOR APPROVAL

Part Number	YB4F-458PT-2500	Insertion Loss	5-862MHz--5.0dB Max
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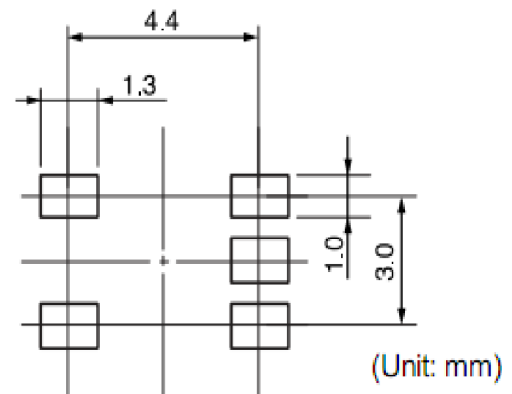
1、 DIMENSION DIAGRAM (Unit: mm) :



2、 ELECTRICAL STRUCTURE:



3、 RECOMMENDED LAYOUT:



4、 ELECTRICAL CHARACTERISTICS:

INSERTION LOSS: 5.0dB Max & 5-862MHz (HP8714B)

REFLECTION LOSS: 6.0dB Min & 5-862MHz (INPUT) (HP8714B)

10.0dB Min & 5-862MHz (OUTPUT) (HP8714B)

DRAW BY	<i>zheng yan fang</i>	CHECKED BY	<i>ye yong jun</i>	APPROVED BY	<i>deng gao</i>
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SPECIFICATION FOR APPROVAL

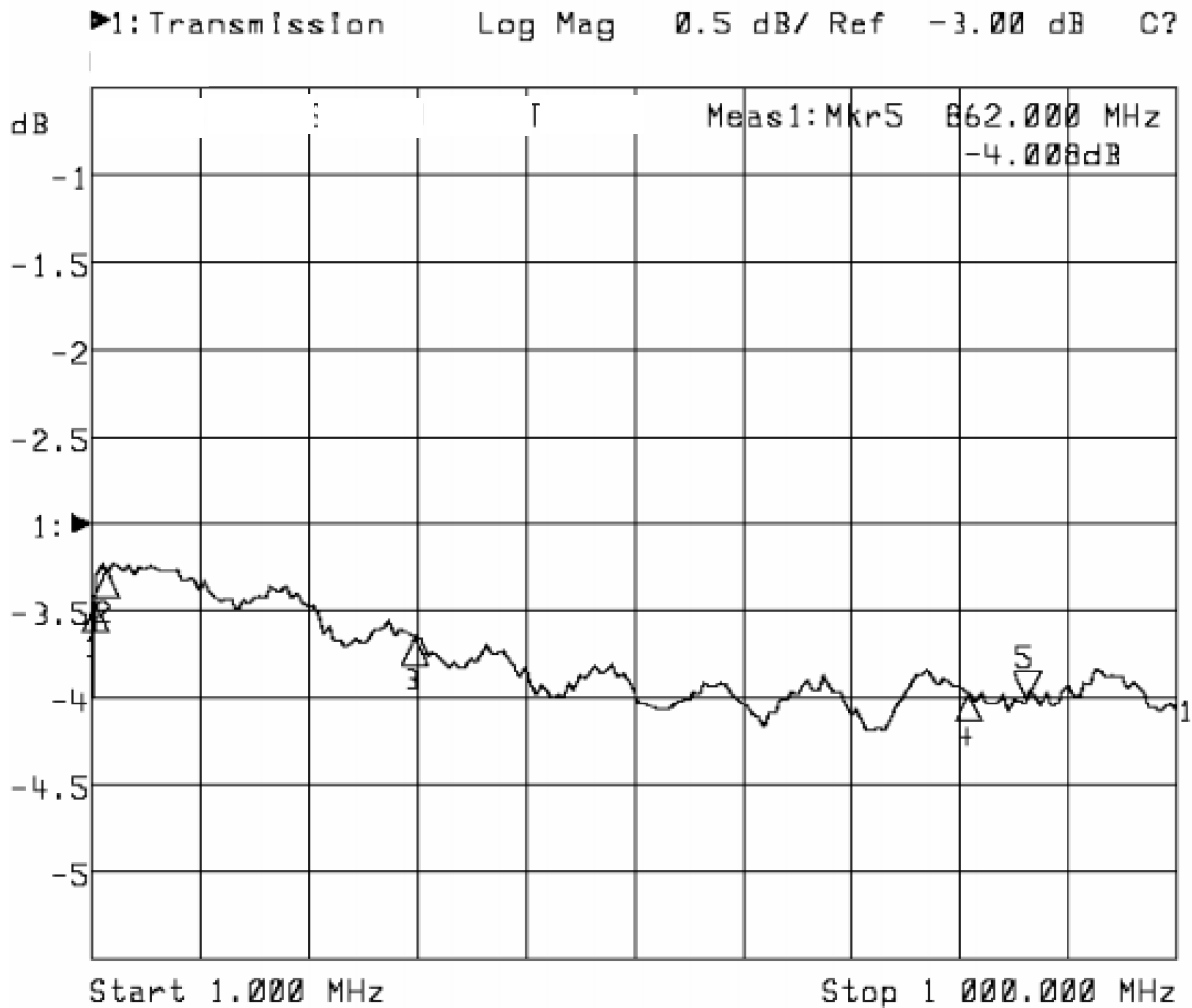
Part Number

YB4F-458PT-2500

Insertion Loss

5-862MHz--5.0dB Max

5、INSERTION LOSS TEST CURVE:



1:	5.000 MHz	--3.470 dB
2:	15.000 MHz	--3.268 dB
3:	300.000 MHz	--3.645 dB
4:	808.000 MHz	--3.970 dB
5:	862.000 MHz	--4.008 dB

DRAW BY

zheng yan fang

CHECKED BY

ye yong jun

APPROVED BY

deng gao