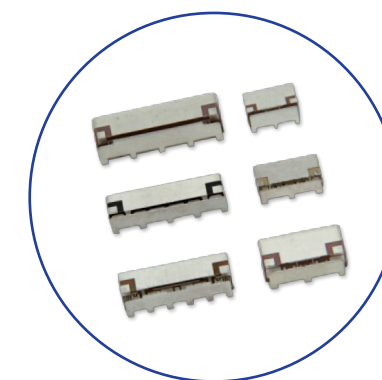


Yun Micro Electronics Ltd. (China) **-----Customizable Microwave RF Filters**



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**Surface Mountable
Ceramic Filters**

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COMPANY

PROFILE



Yun Micro Electronics Co.,Ltd as a professional & innovative manufacturer of RF/Microwave components,specializes on designing and manufacturing a wide range of standard and custom-design components with leading performance.

Yun Micro designs & manufactures RF/microwave passive components,which are widely available for communication of commercial, base stations, navigation equipment, RF instruments, and laboratory measurement.

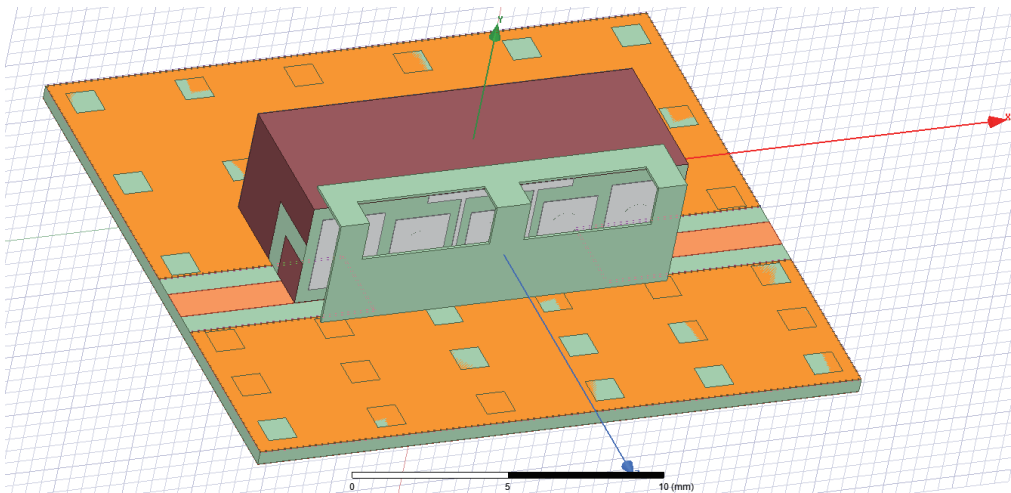
Filters are important components in electronic systems, used for selectively transmitting or suppressing signals based on frequency. Filters manufactured by Yun Micro can be classified into different types based on their function, design principle, and structure:

1 Classification by function: Low-pass filter High-pass filter Band-pass filter Band-stop filter	2 Classification by design principle: Chebyshev function filter Elliptic function filter Bessel function filter	3 Classification by structure: Ceramic filter LTCC filter LC filter Cavity filter Waveguide filter
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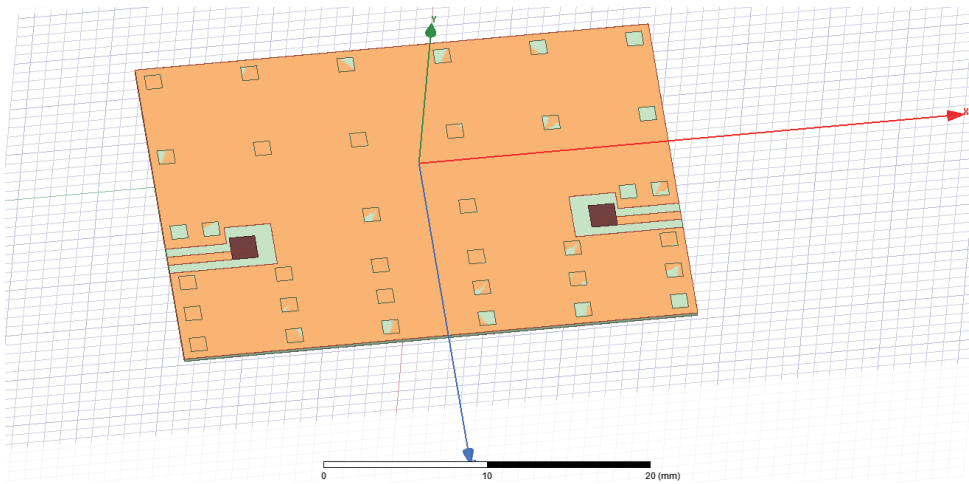
Other passive components include frequency dividers/combiners, duplexers and multiplexers, etc.

Device Use Instructions

- a、The filter should be reflow soldered with a silver-tin paste with a melting point of 183°C. If the tin paste does not contain silver, the surface silver layer of the ceramic substrate will be corroded during soldering, causing the phenomenon of "tin eating silver", damaging or even peeling off the ceramic substrate silver layer, affecting the performance of the filter.
- b、Manual soldering iron is not allowed. The high temperature and long time will damage the silver layer of the input and output interface, causing the filter to fail.
- c、If the filter needs to be reworked by soldering, a hot air gun or a heating table should be used for local heating, and tin soldering should be performed after the tin has melted. Iron soldering should not be performed.
- d、The grounding part at the bottom of the filter should be grounded according to the recommended welding pattern.
- e、The filter installation diagram is as follows:

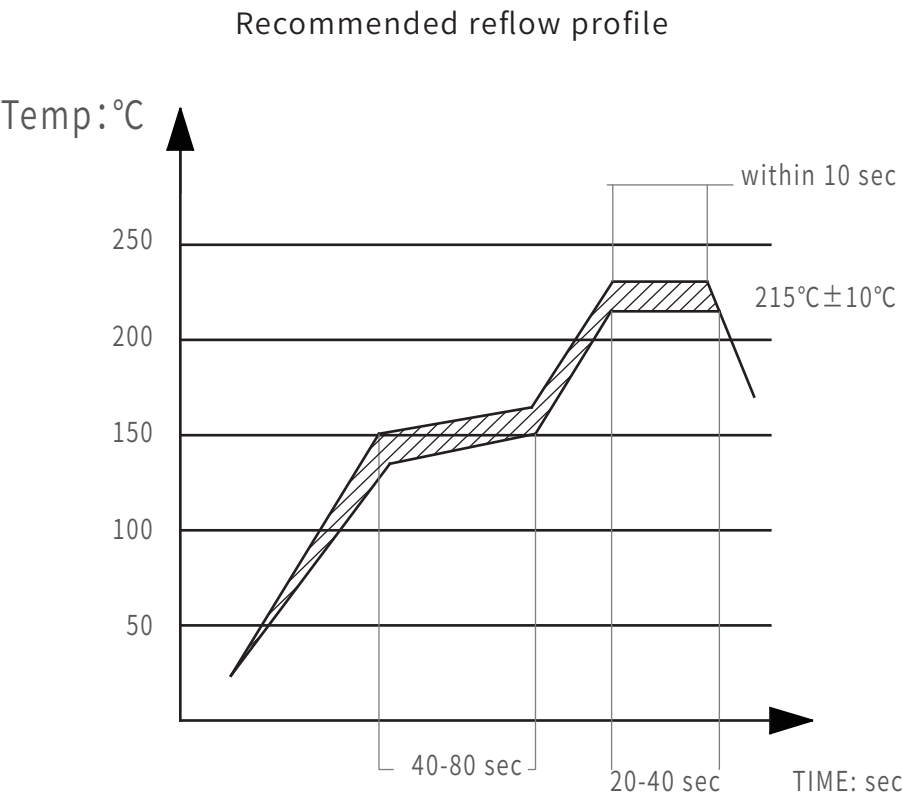
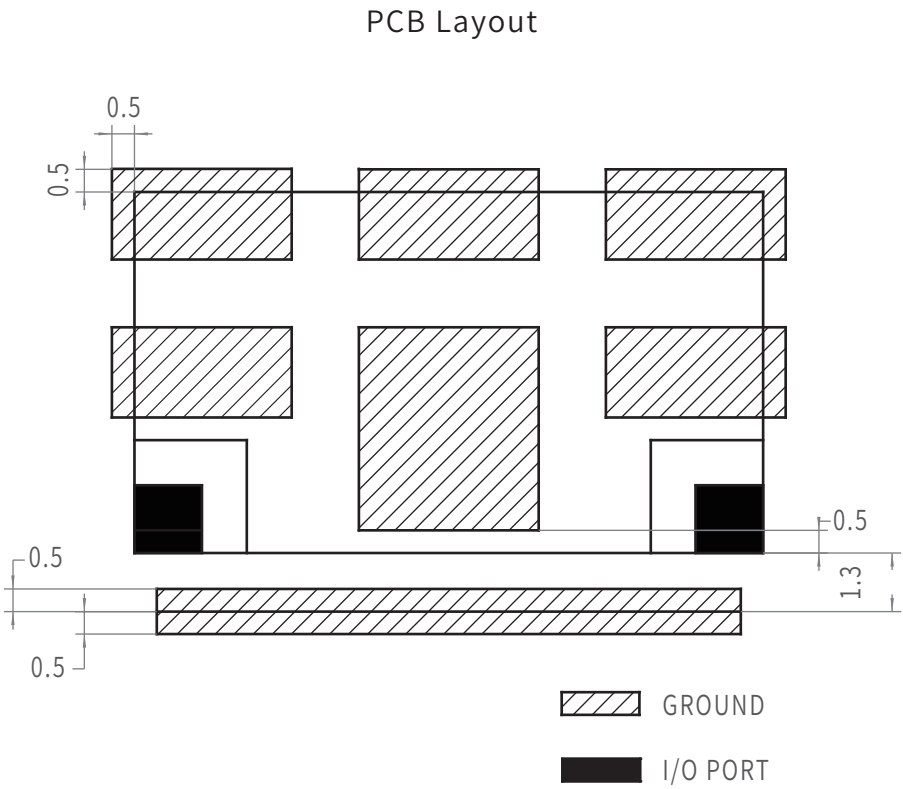
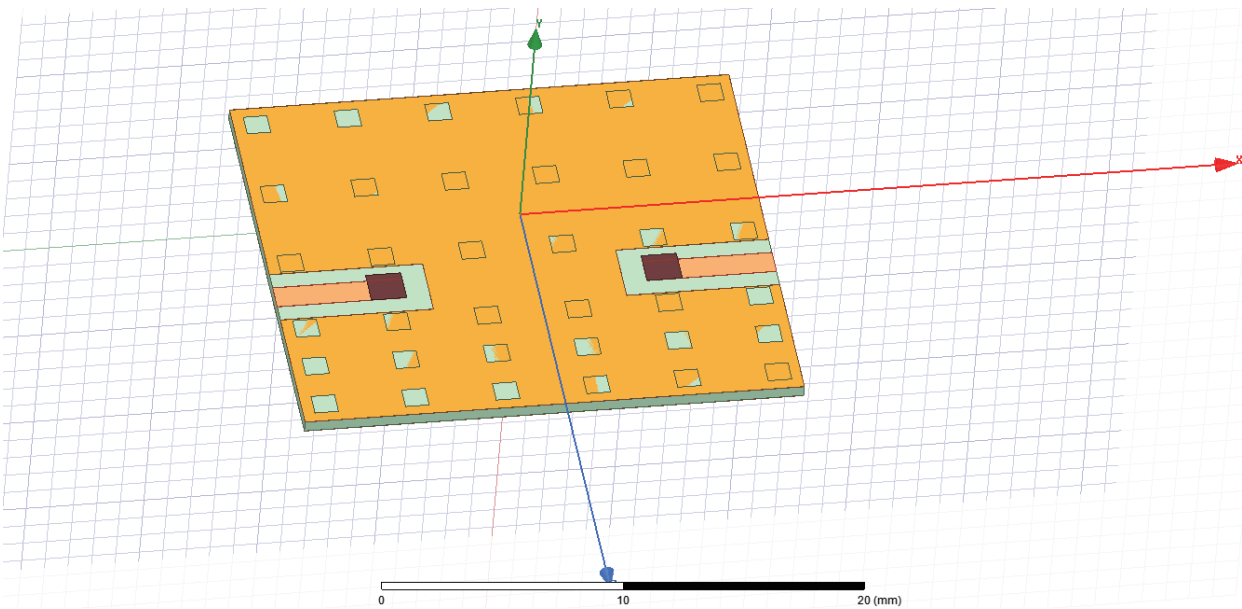


- f、The microstrip width and board material connected to the input and output interface of the filter have two options recommended by our company, as shown in the following figure. If there are special requirements, you can provide us with the actual board you are using, and we will coordinate. If the board is not aligned, the standing wave will become larger and the fluctuation will become larger, causing deterioration of the index.



The top image is for the Ros4350B with a board thickness of 0.5mm, line width of 1.1mm, and input/output impedance of 50Ω.

The bottom image is for the Ros4003 board with a board thickness of 0.254mm, line width of 0.6mm, and input/output impedance of 50Ω.



Catalog

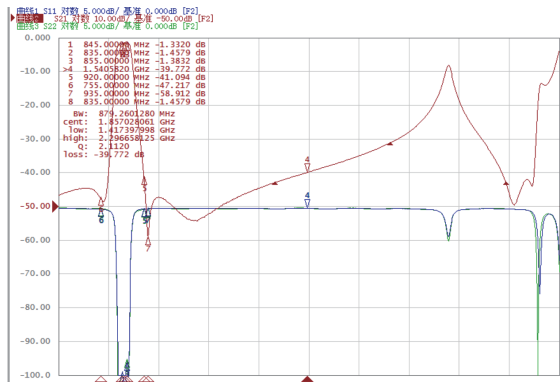
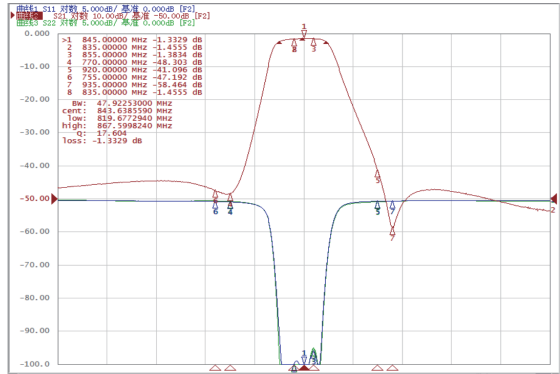
RBM845-20-4CH	06	RBM1568.5-110-8CG	28	RBM2250-100-4CKF	50
RBM845-50-4CH	07	RBM1620-30-5CF	29	RBM2270-60-6CH	51
RBM950-100-5CF	08	RBM1650-100-5CF	30	RBM2277-20-4CH	52
RBM1050-100-5CF	09	RBM1750-100-5CF	31	RBM2317.5-165-6CH	53
RBM1150-100-5CF	10	RBM1900-20-5CK	32	RBM2375-470-6CF	54
RBM1187.5-235-6CF	11	RBM1995-30-4CH	33	RBM2400-7-4CK	55
RBM1250-100-5CF	12	RBM1995A-30-5CF	34	RBM2400-40-5CF	56
RBM1258-160-5CF	13	RBM2040-30-4CH	35	RBM2475-80-5CF	57
RBM1347-70-6CG	14	RBM2048-10-3CD	36	RBM2483-18-5LF-E	58
RBM1350-100-5CF	15	RBM2065.245-20-5CK	37	RBM2494-300-5CH-2S	59
RBM1373-122-8CG	16	RBM2067.5-90-5CF	38	RBM2494-300-5CH-3S	60
RBM1375-150-4CH	17	RBM2072.5-95-4CK	39	RBM2550-120-6CF	61
RBM1396-72-6CG	18	RBM2072.5-95-4CKF	40	RBM2850-100-2CF	62
RBM1413.5-25-4CH	19	RBM2100-30-4CH	41	RBM2950-100-3CD	63
RBM1420-80-4CKF	20	RBM2160-30-4CH	42	RBM2950-100-6CF	64
RBM1421-122-6CG	21	RBM2185-30-4CH	43	RBM3600-40-5CF	65
RBM1446-72-6CG	22	RBM2185-30-4CHF	44	RBM4000-20/H-3CC	66
RBM1450-100-5CF	23	RBM2200-20-5CF	45	RBM4000-25-4CD	67
RBM1471-122-8CG	24	RBM2224-10-3CD	46	RBM4270-120-6CE	68
RBM1489-30-4CH	25	RBM2231-62-6CH	47	RBM4860-30-4CE	69
RBM1496-72-6CG	26	RBM2245-95-5CF	48	RBM5750-200-6CD	70
RBM1550-100-5CF	27	RBM2250-100-4CH	49		

RBM845-20-4CH

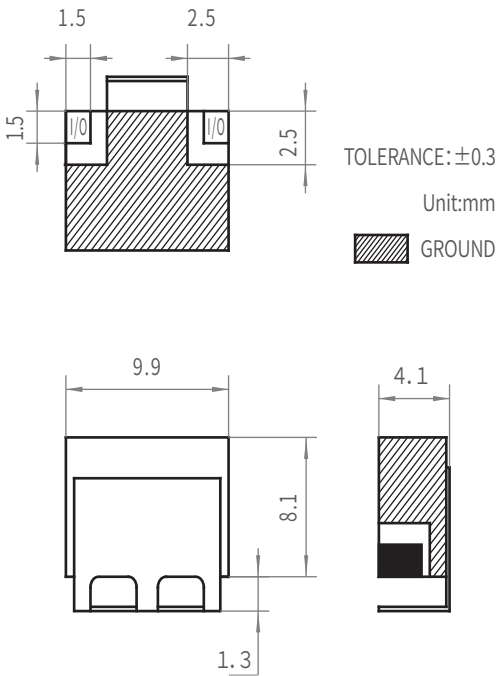
Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM845-20-4CH
Center Frequency	845MHz
Bandwith (-1dB)	≥20MHz
Insertion Loss for Passband	≤1.5dB
Rejection	≥40dB@835-80MHz; ≥40dB@855+80MHz ≥40dB@1375±75MHz ≥40dB@300±20MHz
VSWR	≤1.5
I/O impedance	50Ω

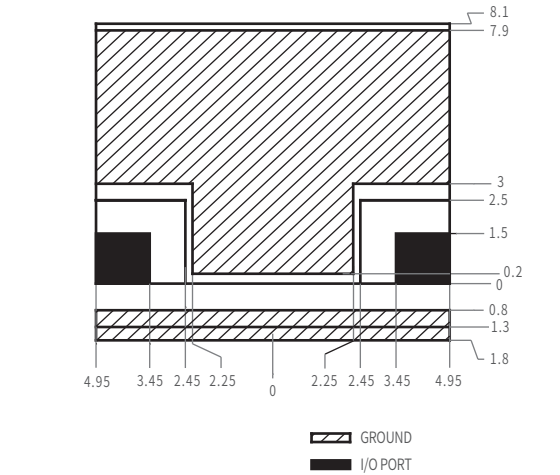
Electrical response



Mechanical Drawing



PCB Layout

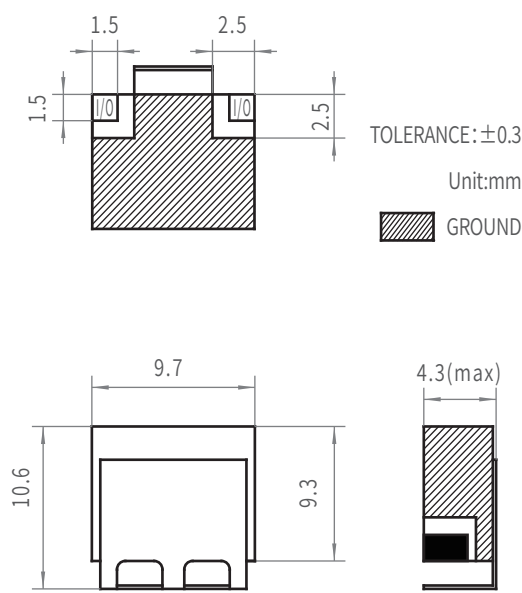


RBM845-50-4CH

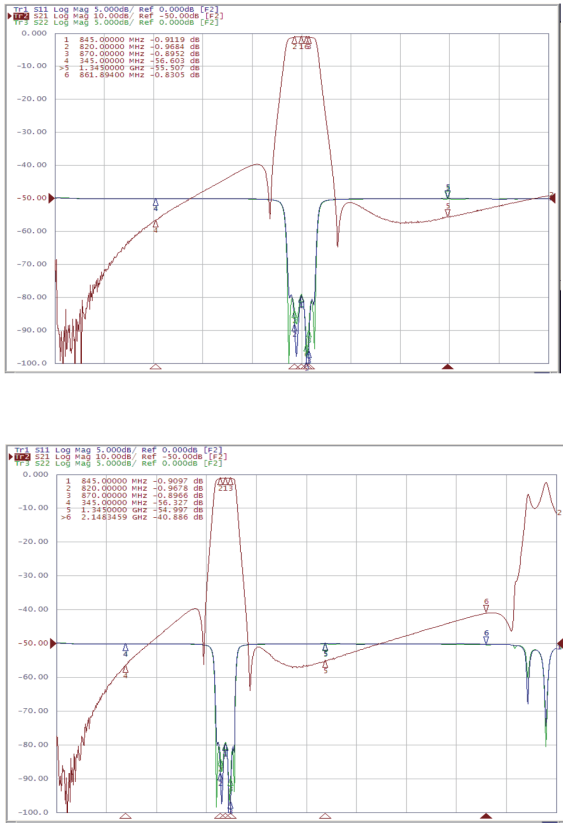
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM845-50-4CH
Center Frequency	845MHz
Bandwith (-1dB)	F0 ± 25MHz
Insertion Loss for Passband	≤ 1.2dB
Rejection	≥ 40dB@845 ± 500MHz; ≥ 40dB@1300 ~ 1450MHz ≥ 40dB@1575.42 ± 1.023MHz ≥ 40dB@1227.6 ± 10.23MHz ≥ 40dB@1176.45 ± 12MHz ≥ 40dB@1561.098 ± 2.046MHz ≥ 40dB@1207.14 ± 2.046MHz ≥ 40dB@1268.52 ± 10.23MHz
VSWR	≤ 1.5
I/O impedance	50 Ω

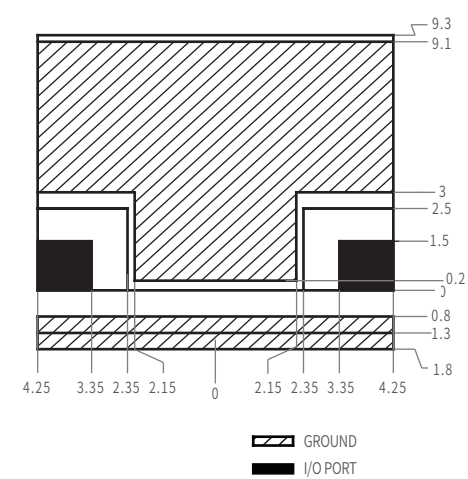
► Mechanical Drawing



► Electrical response



► PCB Layout

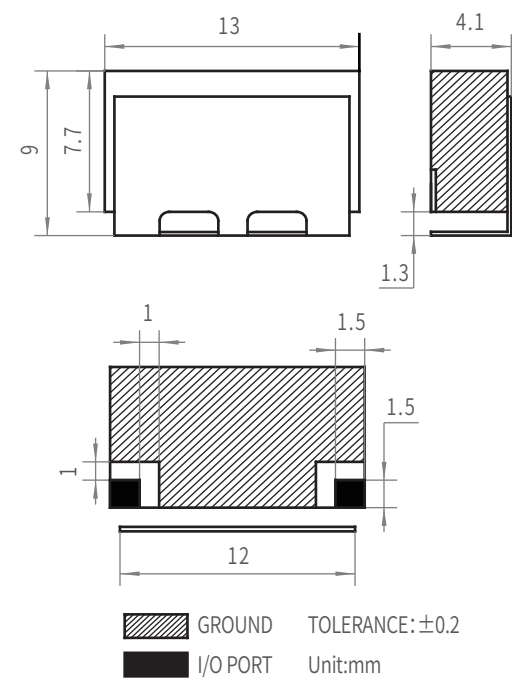


RBM950-100-5CF

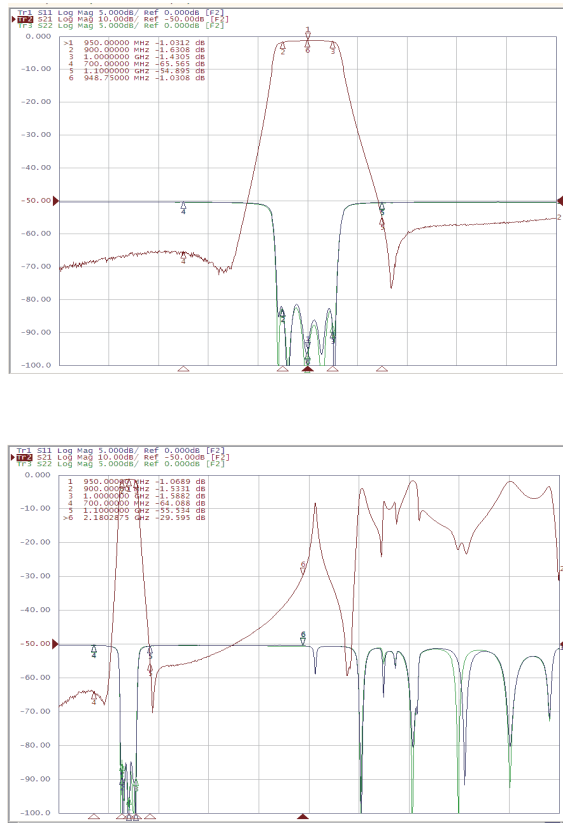
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM950-100-5CF
Center Frequency	950MHz
Bandwith (-1dB)	900-1000MHz
Insertion Loss for Passband	≤ 1.5dB
Rejection	≥ 50dBc@F0-250MHz; ≥ 50dBc@F0+150MHz ≥ 45dBc@F0+350MHz;
VSWR	≤ 1.5
I/O impedance	50 Ω

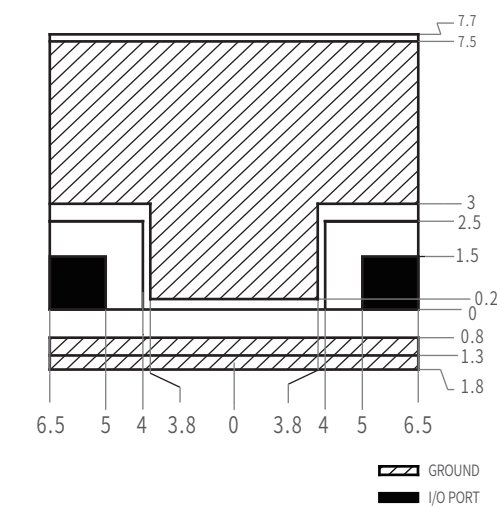
► Mechanical Drawing



► Electrical response



► PCB Layout

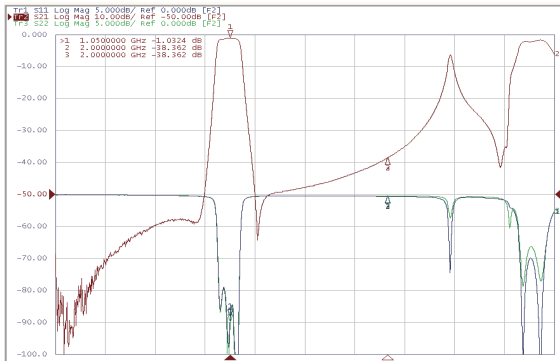
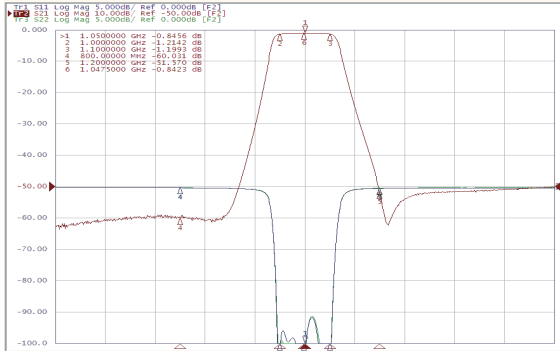


RBM1050-100-5CF

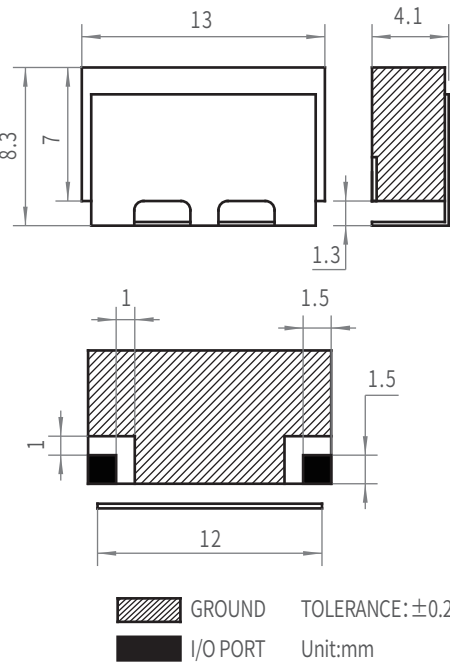
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM1050-100-5CF
Center Frequency	1050MHz
Bandwith (-1dB)	1000-1100MHz
Insertion Loss for Passband	≤1.5dB
Rejection	≥50dBc@F0-250MHz; ≥50dBc@F0+150MHz; ≥45dBc@F0+350MHz;
VSWR	≤1.5
I/O impedance	50Ω

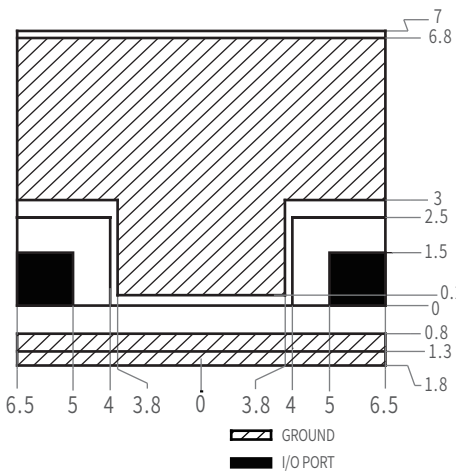
► Electrical response



► Mechanical Drawing



► PCB Layout

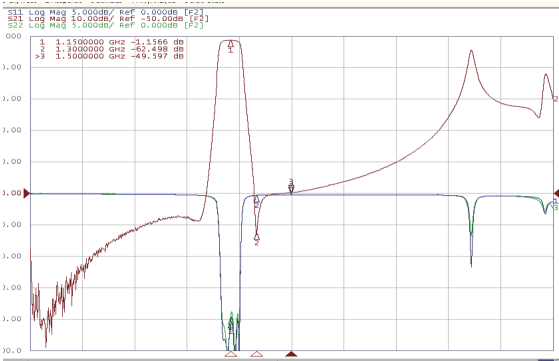
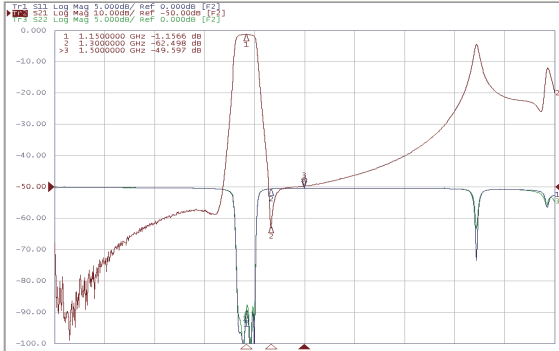


RBM1150-100-5CF

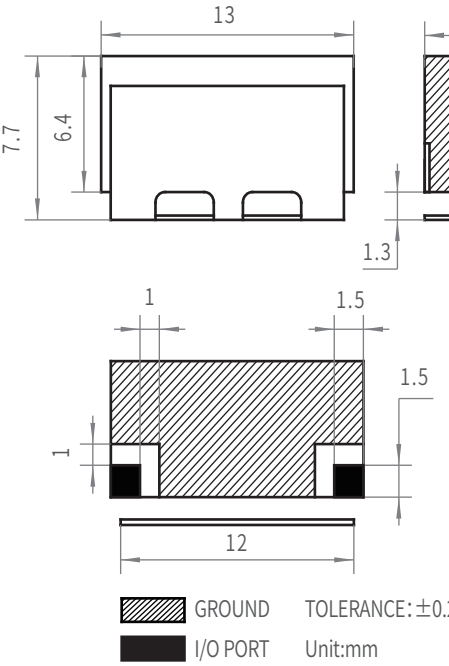
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM1150-100-5CF
Center Frequency	1150MHz
Bandwith (-1dB)	1100-1200MHz
Insertion Loss for Passband	≤1.5dB
Rejection	≥50dBc@F0-250MHz; ≥50dBc@F0+150MHz; ≥45dBc@F0+350MHz;
VSWR	≤1.5
I/O impedance	50Ω

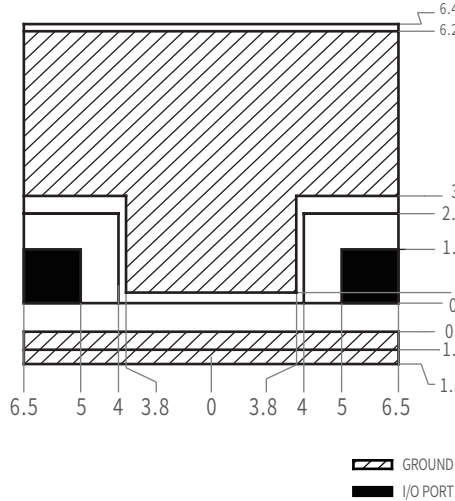
► Electrical response



► Mechanical Drawing



► PCB Layout

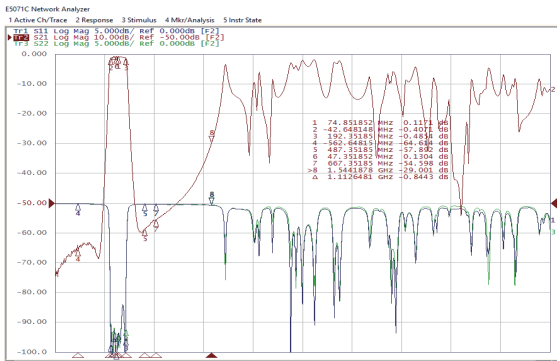
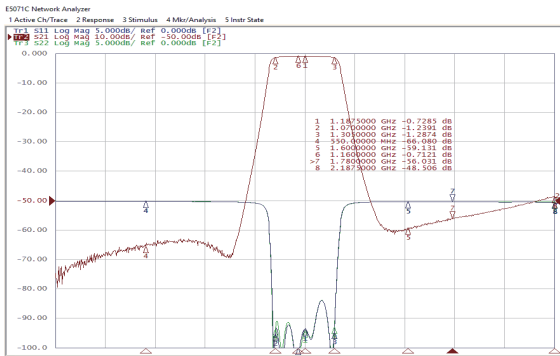


RBM1187.5-235-6CF

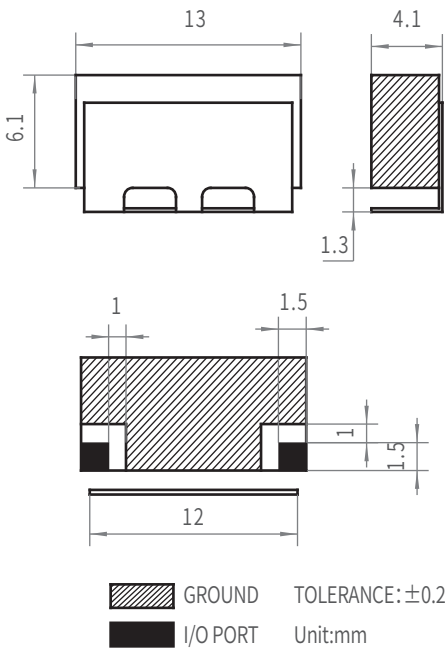
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM1187.5-235-6CF
Center Frequency	1187.5MHz
Bandwith (-1dB)	≥235MHz
Insertion Loss for Passband	≤2dB
Ripple	≤±0.5dB
Rejection	≥40dBc@DC~550MHz; ≥45dBc@1600~1780MHz;
VSWR	≤1.5
I/O impedance	50Ω

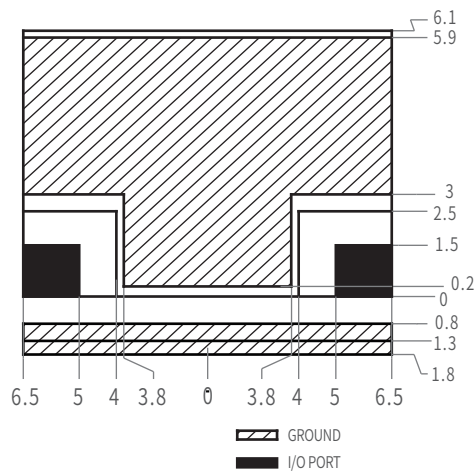
► Electrical response



► Mechanical Drawing



► PCB Layout

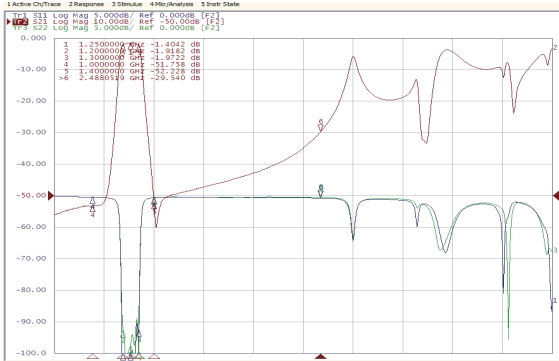
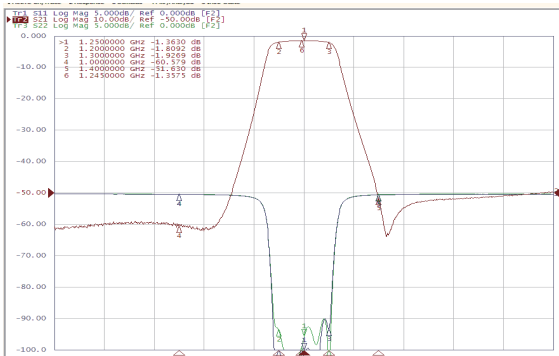


RBM1250-100-5CF

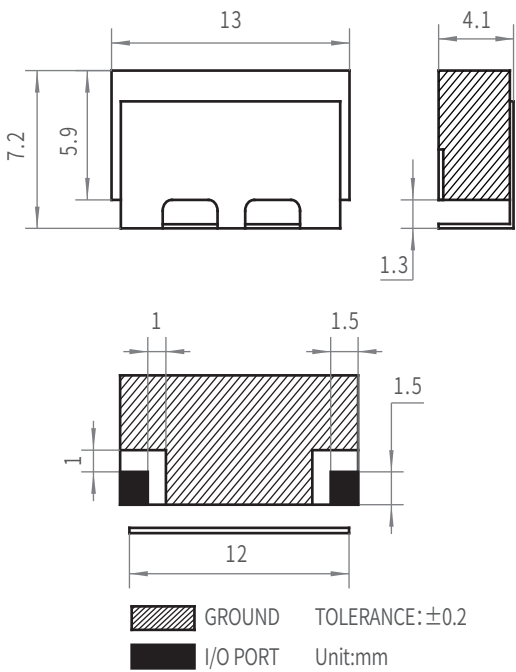
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM1250-100-5CF
Center Frequency	1250MHz
Bandwith (-1dB)	1200-1300MHz
Insertion Loss for Passband	≤2.0dB
Rejection	≥50dBc@F0-250MHz; ≥50dBc@F0+150MHz; ≥45dBc@F0+350MHz;
VSWR	≤1.5
I/O impedance	50Ω

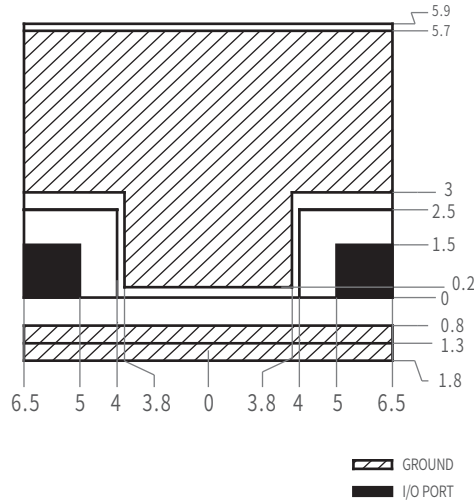
► Electrical response



► Mechanical Drawing



► PCB Layout

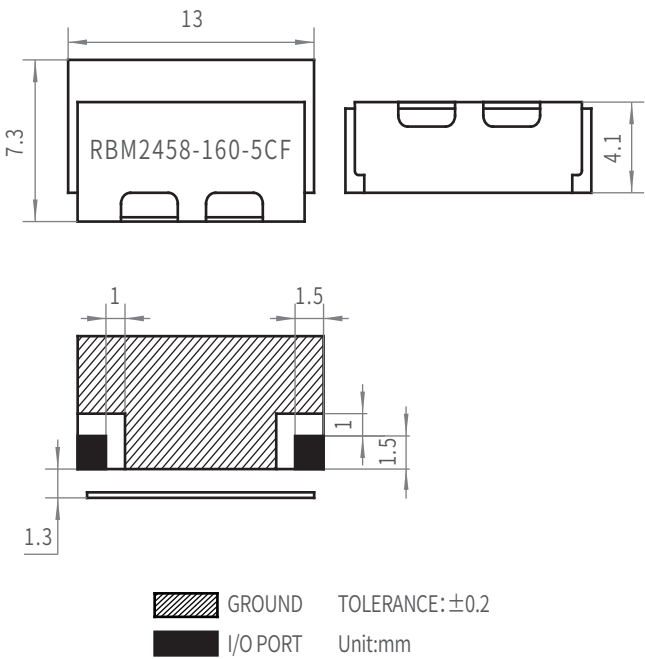


RBM1258-160-5CF

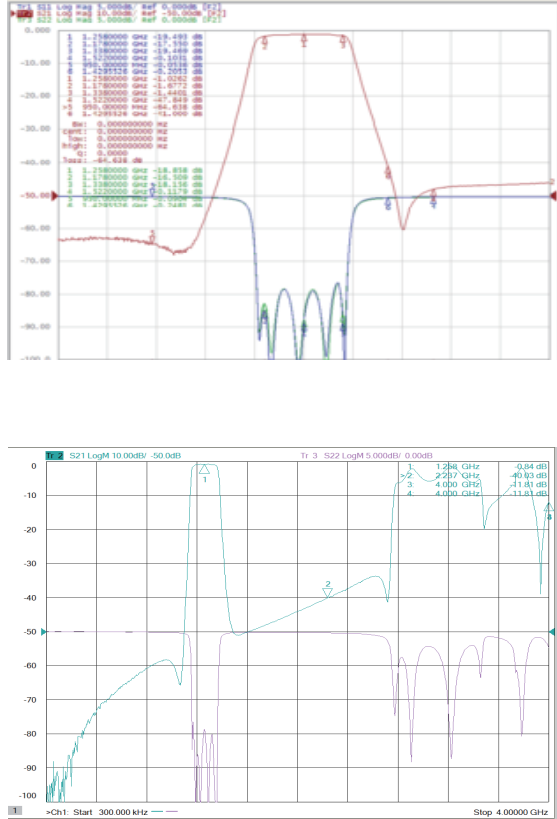
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM1258-160-5CF
Center Frequency	1258MHz
Bandwith (-1dB)	1178~1338MHz
Insertion Loss for Passband	≤3.5dB
Ripple	≤0.8dB
Rejection	≥22dB@1522 MHz; ≥50dB@DC~950MHz; ≥50dB@1565.2MHz; ≥45dB@1792.4~1952.4MHz; ≥35dB@2100~2200MHz;
VSWR	≤1.6
I/O impedance	50 Ω

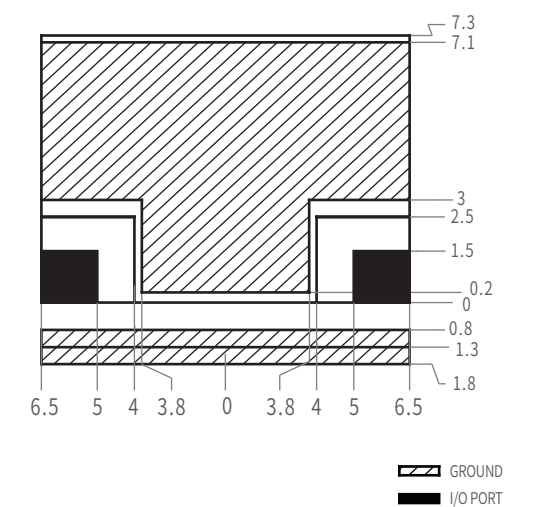
► Mechanical Drawing



► Electrical response



► PCB Layout

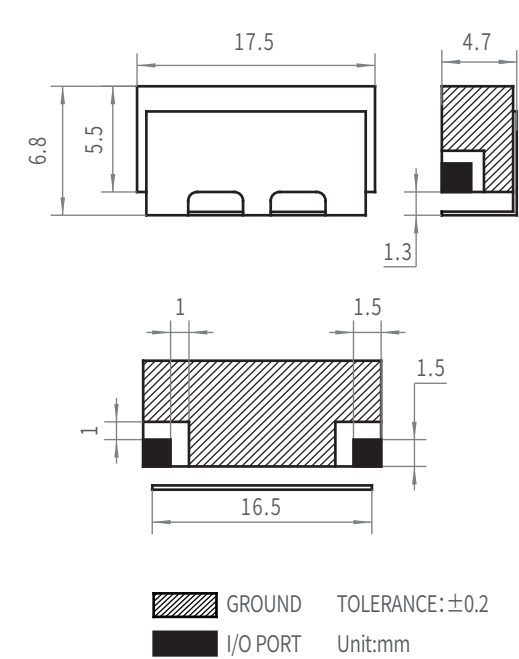


RBM1347-70-6CG

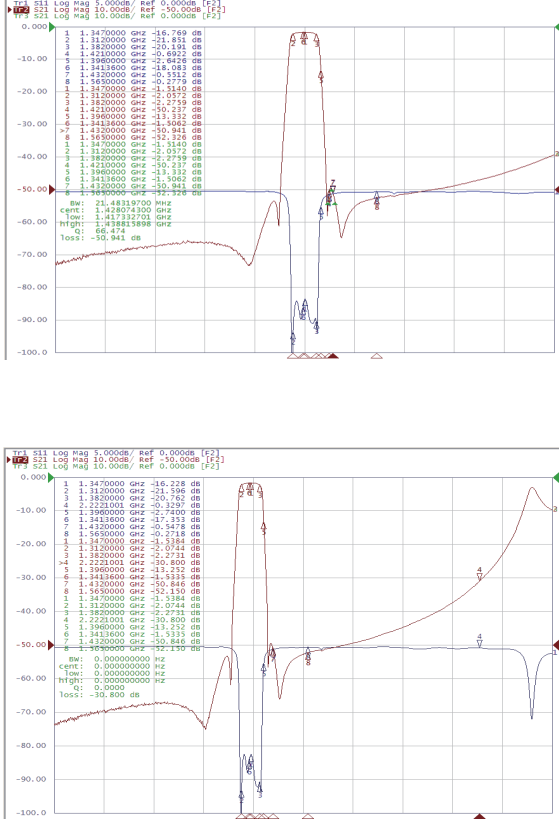
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM1347-70-6CG
Center Frequency	1347MHz
Bandwith (-1dB)	≥70 MHz
Insertion Loss for Passband	≤3dB
Ripple	≤1.0dB@f0 ± 35MHz ≤0.5dB@f0 ± 10MHz
Rejection	≥40dBc@1278MHz; ≥40dBc@1565MHz; ≥35dBc@1432MHz; ≥9dB@1396MHz ≥20dB@1421MHz
VSWR	≤1.5
Power	1W
I/O impedance	50 Ω

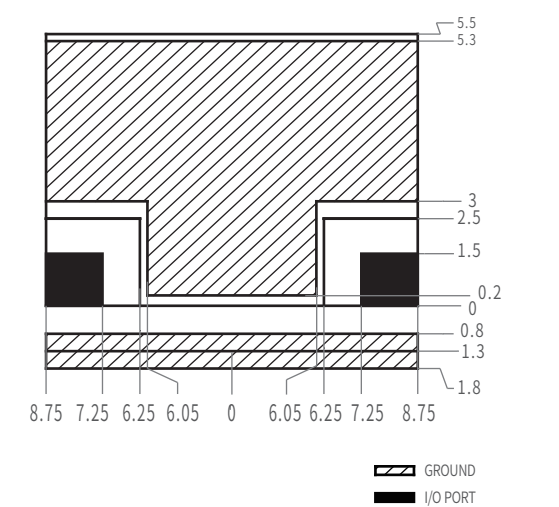
► Mechanical Drawing



► Electrical response



► PCB Layout

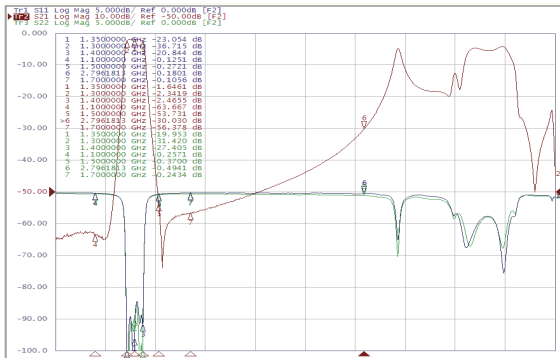
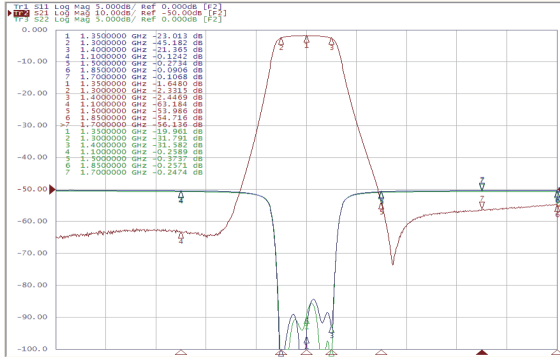


RBM1350-100-5CF

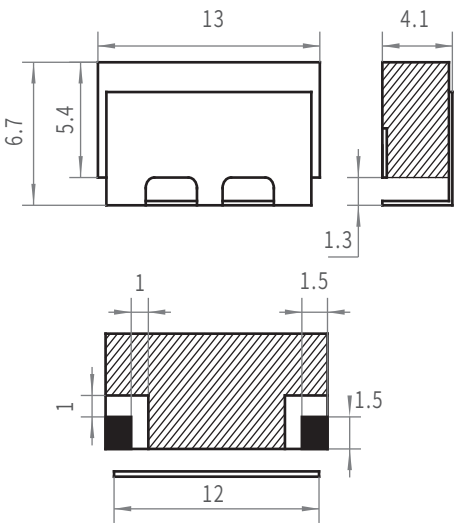
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM1350-100-5CF
Center Frequency	1350MHz
Bandwith (-1dB)	1300-1400MHz
Insertion Loss for Passband	≤2.0dB
Rejection	≥50dBc@F0-250MHz; ≥50dBc@F0+150MHz ≥45dBc@F0+350MHz;
VSWR	≤1.5
I/O impedance	50Ω

► Electrical response

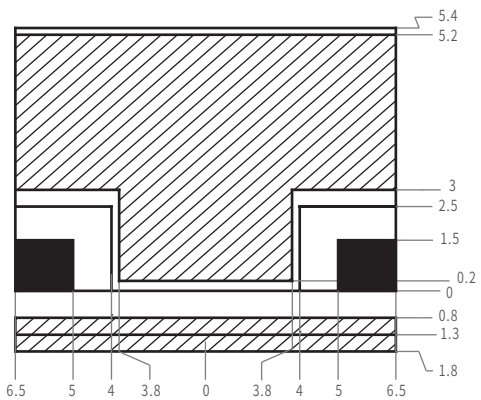


► Mechanical Drawing



GROUND TOLERANCE: ±0.2
I/O PORT Unit:mm

► PCB Layout



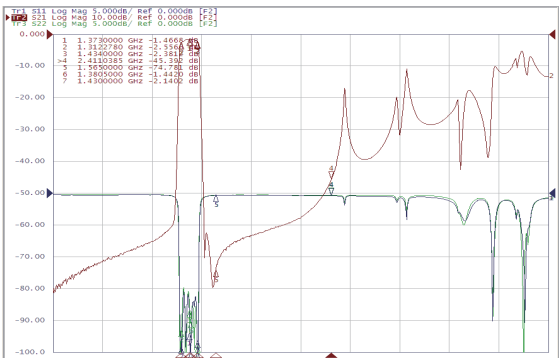
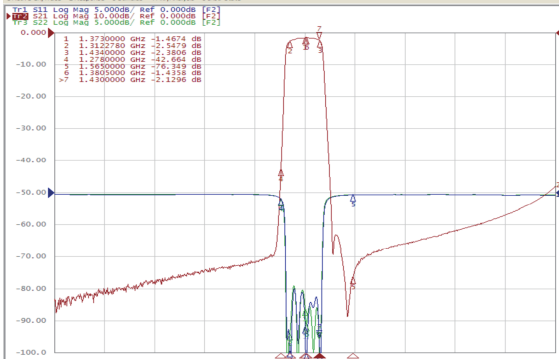
GROUND
I/O PORT

RBM1373-122-8CG

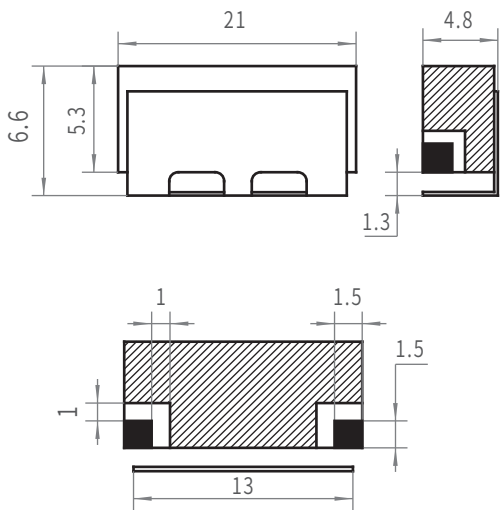
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM1373-122-8CG
Center Frequency	1312MHz -1434MHz
Bandwith (-1dB)	≥122 MHz
Insertion Loss for Passband	≤3dB
Ripple	≤1.0dB@f0±61MHz ≤0.8dB@ any 20MHz within the passband
Rejection	≥40dBc@1278MHz; ≥40dBc@1565MHz ≥35dBc@1471MHz;
VSWR	≤1.5
Power	≤10W
I/O impedance	50Ω

► Electrical response

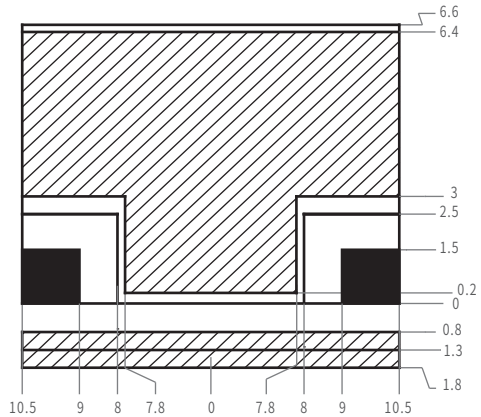


► Mechanical Drawing



GROUND TOLERANCE: ±0.2
I/O PORT Unit:mm

► PCB Layout



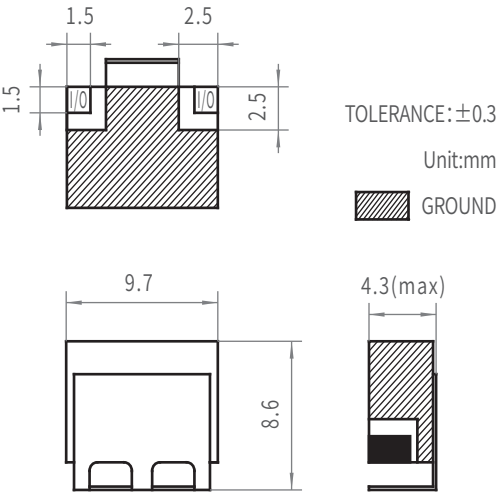
GROUND
I/O PORT

RBM1375-150-4CH

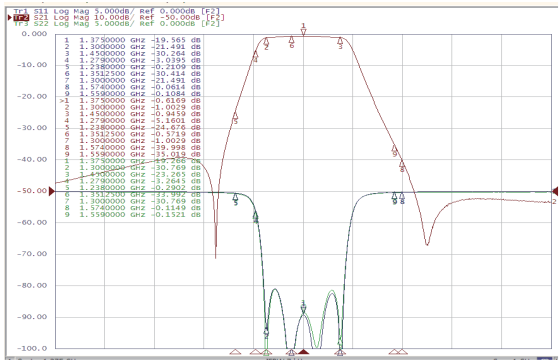
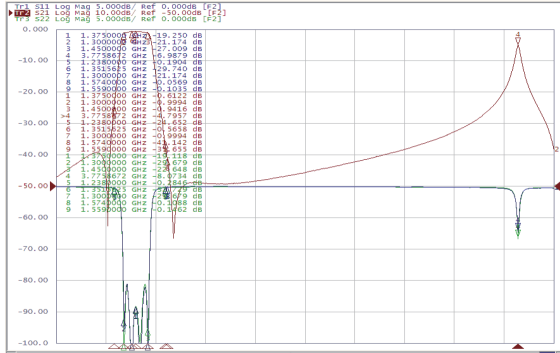
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM1375-150-4CH
Center Frequency	1375MHz
Bandwith (-1dB)	F0 ± 75MHz
Insertion Loss for Passband	≤ 1.2dB
Rejection	≥ 40dB@1375 ± 475MHz; ≥ 40dB@840 ~ 845MHz ≥ 35dB@1575.42 ± 1.023MHz; ≥ 22dB@1227.6 ± 10.23MHz; ≥ 40dB@1176.45 ± 12MHz; ≥ 30dB@1561.098 ± 2.046MHz; ≥ 40dB@1207.14 ± 2.046MHz; ≥ 4dB@1268.52 ± 10.23MHz;
VSWR	≤ 1.5
I/O impedance	50 Ω

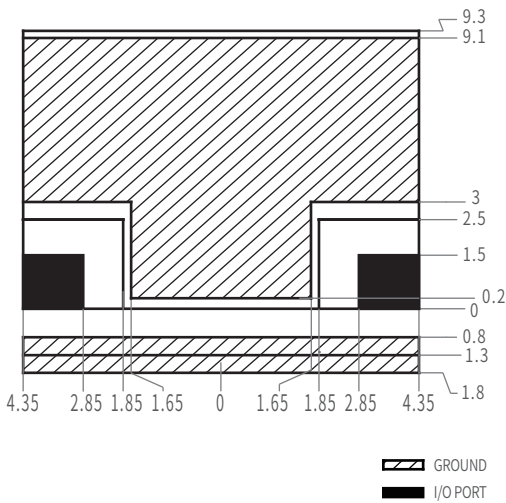
► Mechanical Drawing



► Electrical response



► PCB Layout

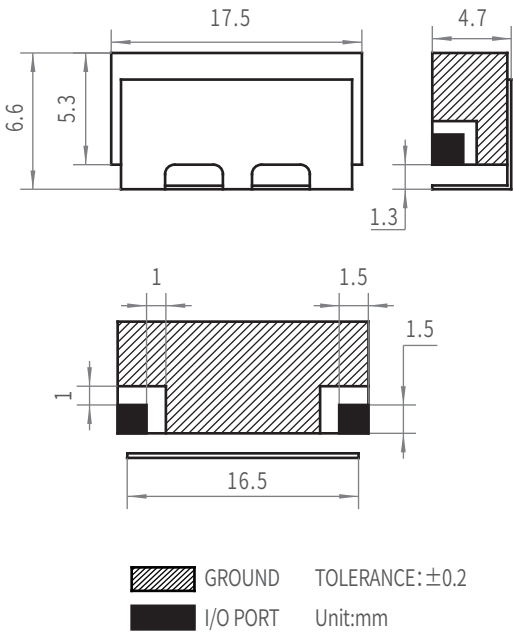


RBM1396-72-6CG

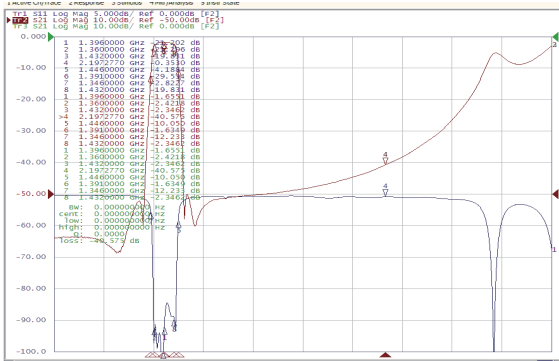
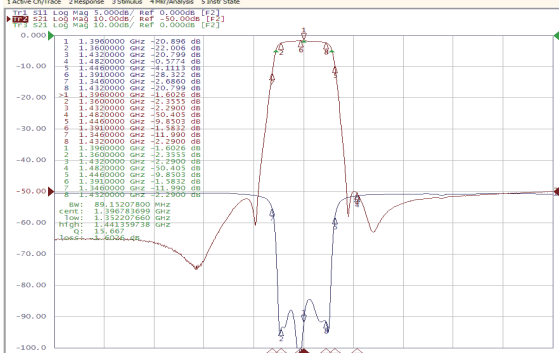
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM1396-72-6CG
Center Frequency	1396MHz
Bandwidth (-1dB)	≥ 72MHz
Insertion Loss for Passband	≤ 3dB
Ripple	≤ 1.0dB@f0 ± 36MHz ≤ 0.5dB@f0 ± 10MHz
Rejection	≥ 40dBc@1278MHz; ≥ 40dBc@1565MHz ≥ 35dBc@1482MHz; ≥ 35dBc@1312MHz ≥ 9dB@1482MHz; ≥ 9dB@1446MHz
VSWR	≤ 1.5
Power	1W
I/O impedance	50 Ω

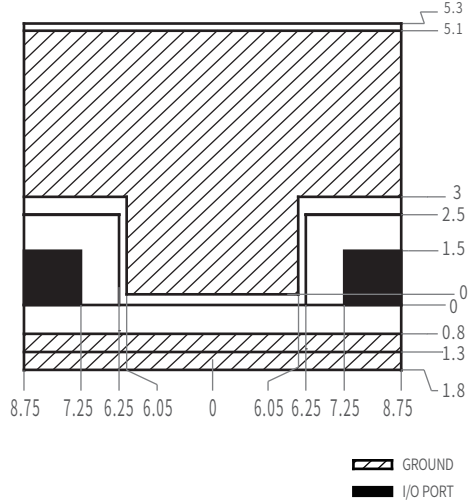
► Mechanical Drawing



► Electrical response



► PCB Layout

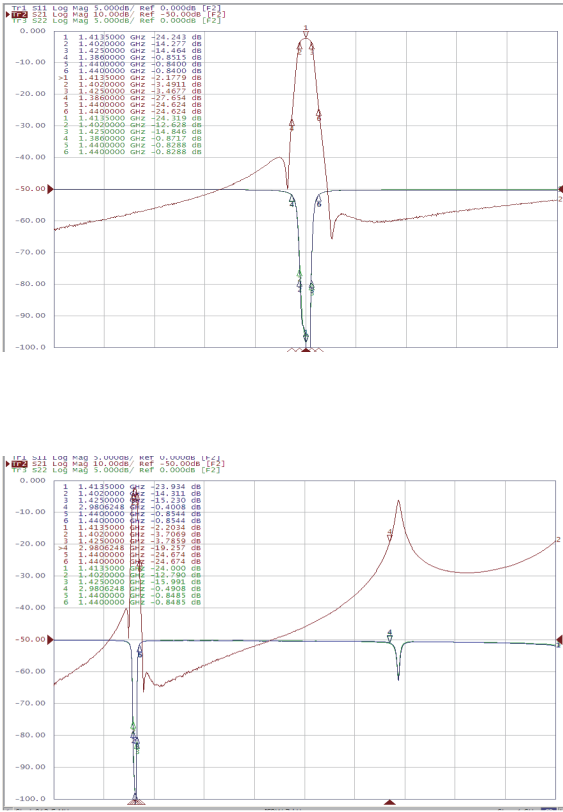


RBM1413.5-25-4CH

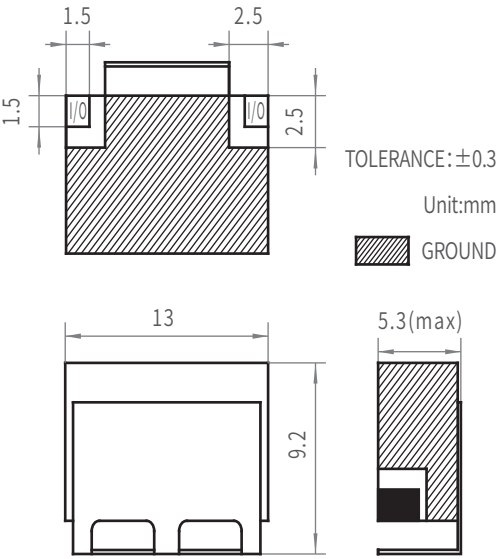
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM1413.5-25-4CH
Center Frequency	1413.5MHz
Bandwith (-1.5dB)	23~25MHz
Insertion Loss for Passband	≤5dB
Rejection	≥20dBc@1386MHz; ≥20dBc@1440MHz
VSWR	≤1.5
Group delay consistency	≤5ns
I/O impedance	50Ω

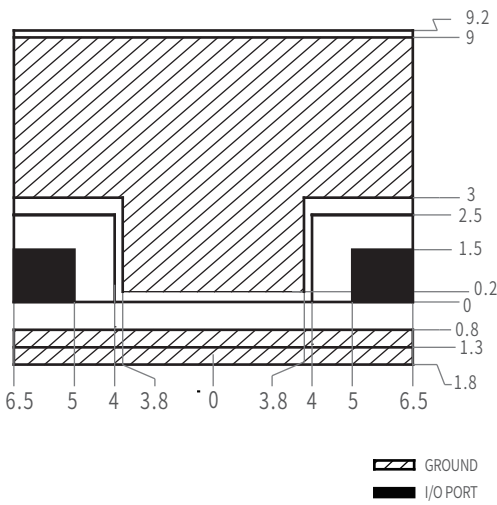
► Electrical response



► Mechanical Drawing



► PCB Layout

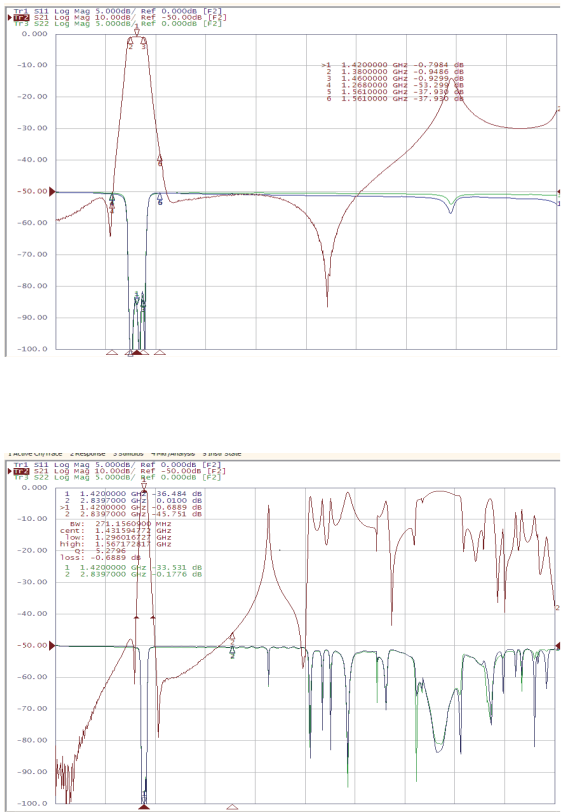


RBM1420-80-4CKF

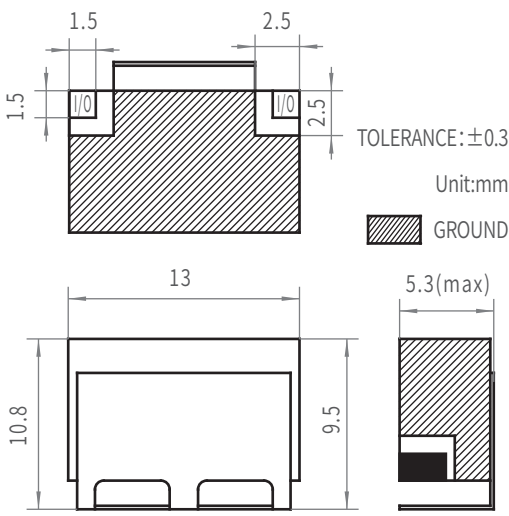
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM1420-80-4CKF
Center Frequency	1420MHz
Bandwith (-1dB)	F0±40MHz
Insertion Loss for Passband	≤1.0dB
Ripple	≤0.5dB
Rejection	≥40dB@1268MHz; ≥35dB@1561~1575MHz;
VSWR	≤1.4
Power	15W
I/O impedance	50Ω

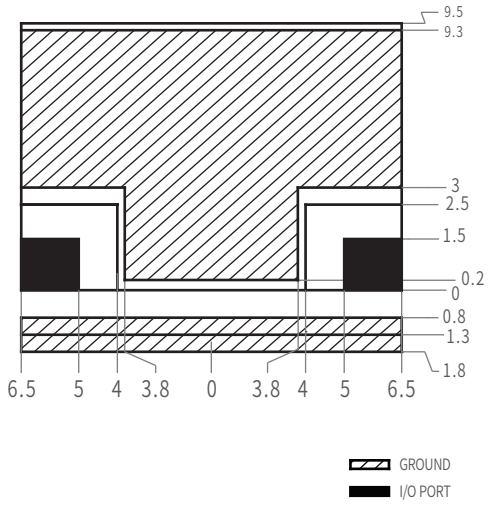
► Electrical response



► Mechanical Drawing



► PCB Layout

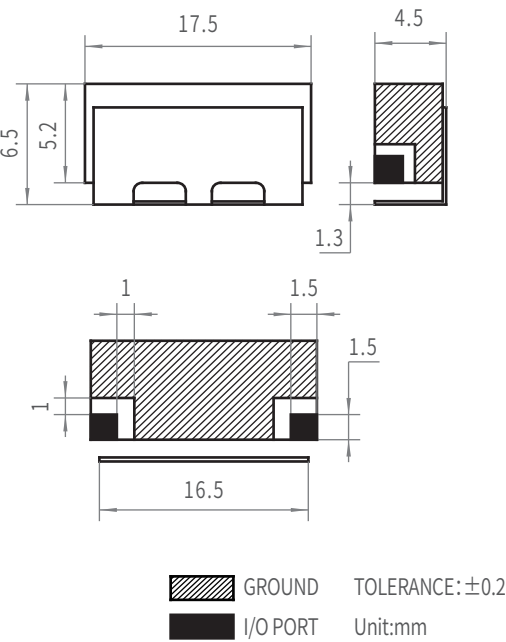


RBM1421-122-6CG

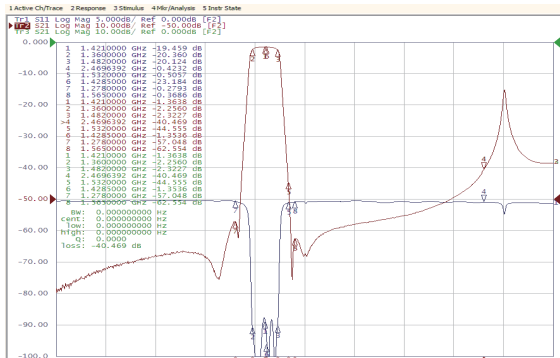
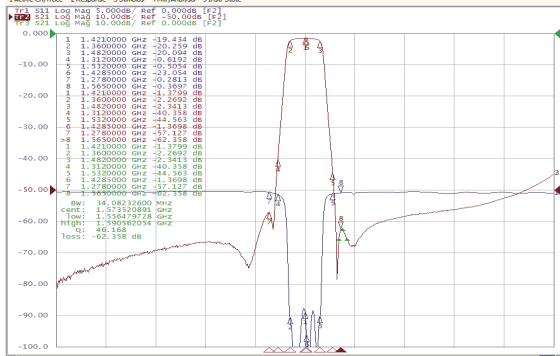
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM1421-122-6CG
Center Frequency	1421MHz
Bandwith (-1dB)	≥122 MHz
Insertion Loss for Passband	≤2.5dB
Ripple	≤1.0dB@f0 ± 61MHz ≤0.5dB@f0 ± 10MHz
Rejection	≥40dBc@1278MHz; ≥40dBc@1565MHz ≥20dBc@1312MHz ≥20dBc@1532MHz;
VSWR	≤1.5
I/O impedance	50 Ω

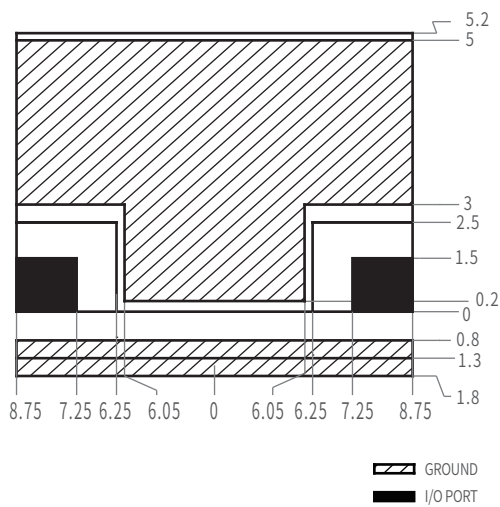
► Mechanical Drawing



► Electrical response



► PCB Layout

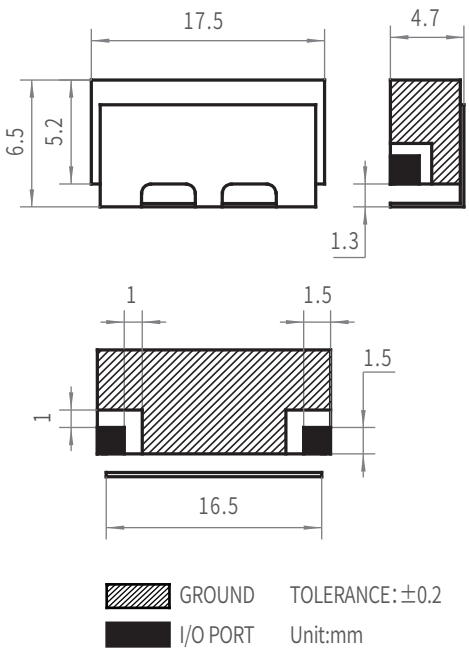


RBM1446-72-6CG

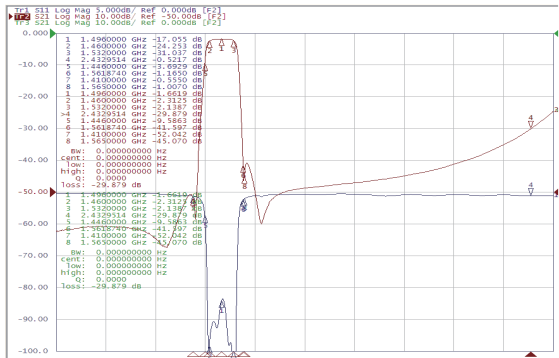
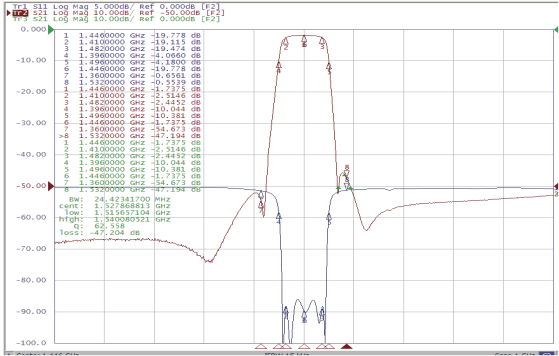
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM1446-72-6CG
Center Frequency	1446MHz
Bandwidth (-1dB)	≥72 MHz
Insertion Loss for Passband	≤3dB
Ripple	≤1.0dB@f0 ± 36MHz ≤0.5dB@f0 ± 10MHz
Rejection	≥40dBc@1278MHz; ≥40dBc@1565MHz ≥35dBc@1532MHz; ≥35dBc@1360MHz ≥9dB@1396MHz; ≥9dB@1496MHz;
VSWR	≤1.5
Power	1W
I/O impedance	50 Ω

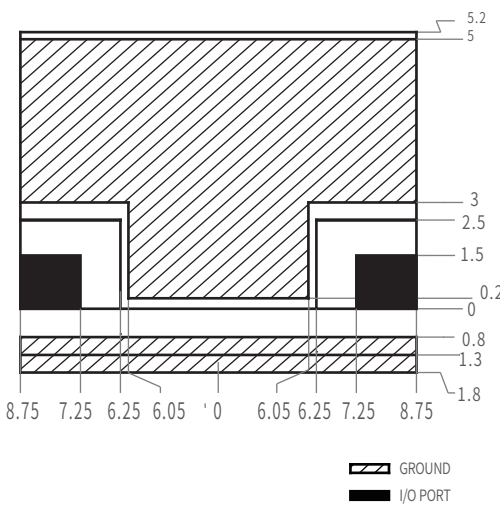
► Mechanical Drawing



► Electrical response



► PCB Layout

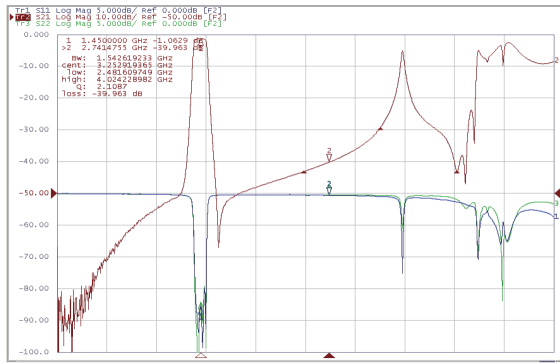
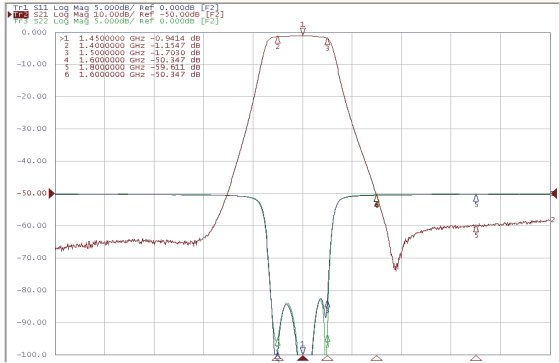


RBM1450-100-5CF

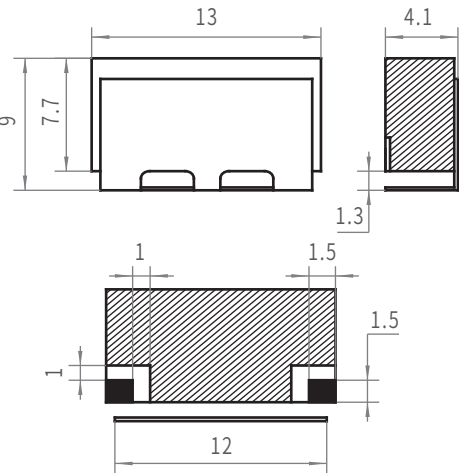
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM1450-100-5CF
Center Frequency	1450MHz
Bandwith (-1dB)	1400-1500MHz
Insertion Loss for Passband	≤2.0dB
Rejection	≥50dBc@F0-250MHz; ≥50dBc@F0+150MHz ≥45dBc@F0+350MHz;
VSWR	≤1.5
I/O impedance	50 Ω

► Electrical response

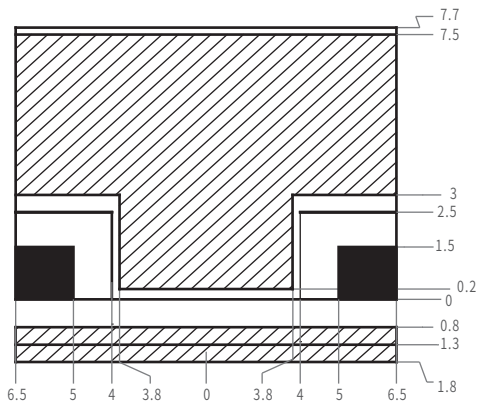


► Mechanical Drawing



 GROUND TOLERANCE: ±0.2
 I/O PORT Unit:mm

► PCB Layout



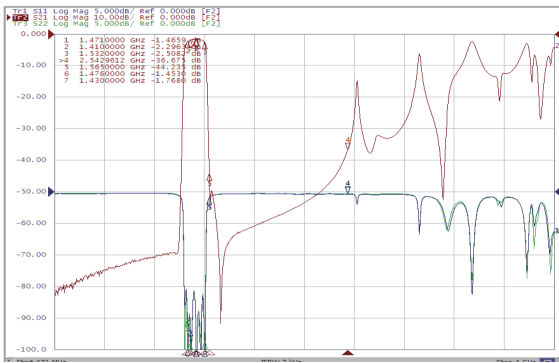
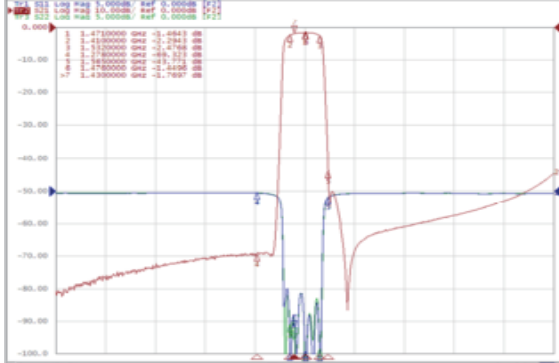
 GROUND
 I/O PORT

RBM1471-122-8CG

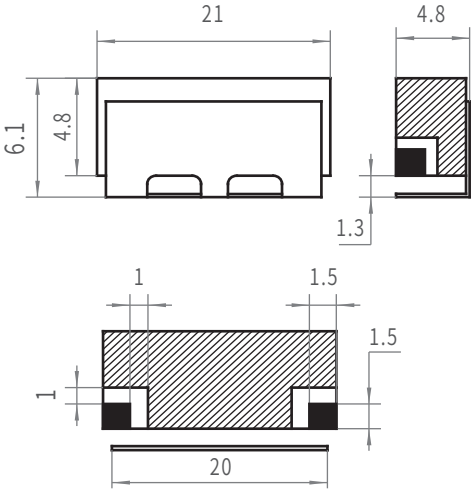
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM1471-122-8CG
Center Frequency	1410MHz -1532MHz
Bandwith (-1dB)	≥122 MHz
Insertion Loss for Passband	≤3dB
Ripple	≤1.0dB@f0 ± 61 MHz ≤0.8dB@ any 20MHz within the passband
Rejection	≥40dBc@1278MHz; ≥40dBc@1565MHz ≥25dBc@1373MHz;
VSWR	≤1.5
Power	≤10W
I/O impedance	50 Ω

► Electrical response

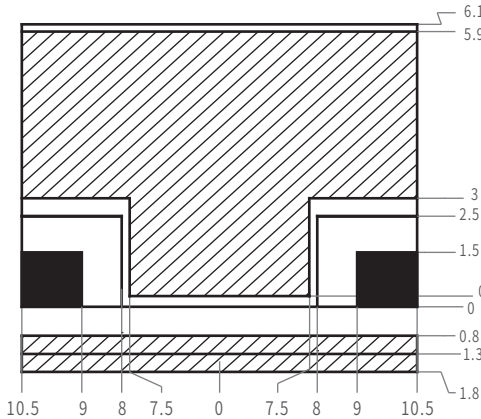


► Mechanical Drawing



 GROUND TOLERANCE: ±0.2
 I/O PORT Unit:mm

► PCB Layout



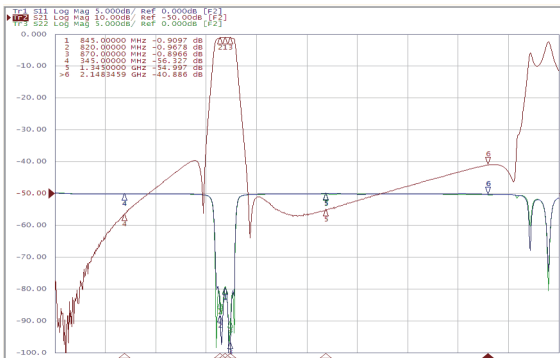
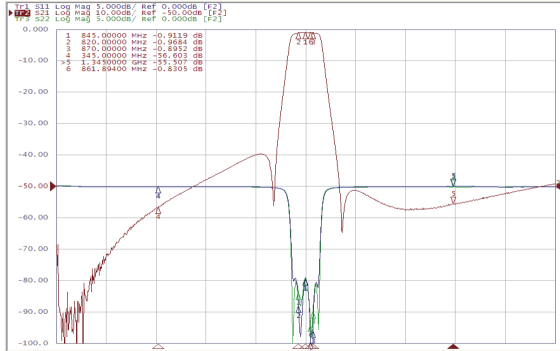
 GROUND
 I/O PORT

RBM1489-30-4CH

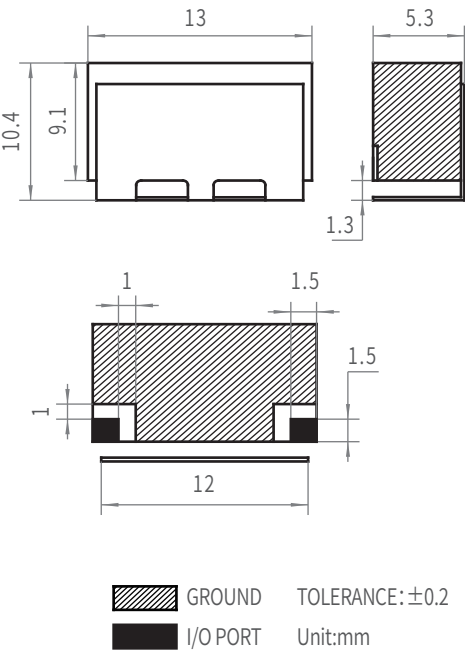
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM1489-30-4CH
Passband Frequency	1474~1504MHz
Insertion Loss for Passband	≤2.0dB
Rejection	≥20dB@DC~1424MHz ≥50dB@DC~1280MHz ≥20dB@1554MHz
VSWR	≤1.5
Power	10W
I/O impedance	50Ω

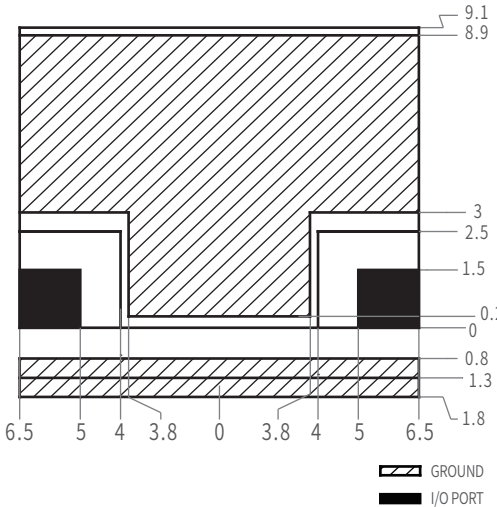
► Electrical response



► Mechanical Drawing



► PCB Layout

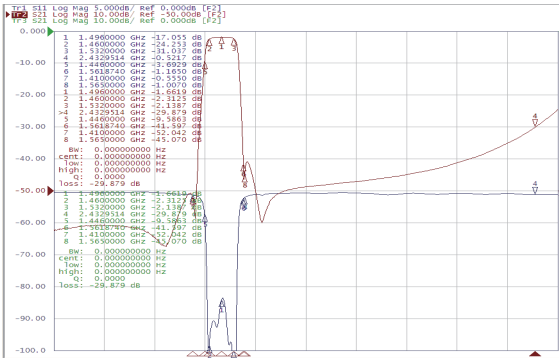
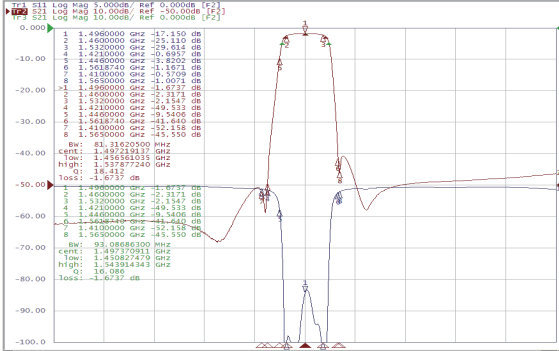


RBM1496-72-6CG

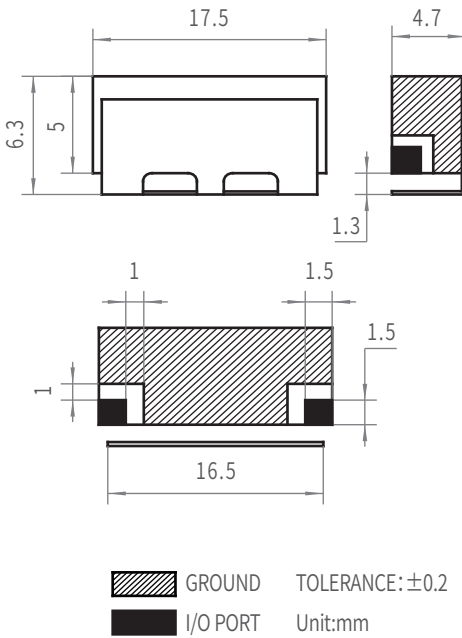
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM1496-72-6CG
Center Frequency	1496MHz
Bandwith (-1dB)	≥72 MHz
Insertion Loss for Passband	≤3dB
Ripple	≤1.0dB@f0±36MHz ≤0.5dB@f0±10MHz
Rejection	≥40dBc@1278MHz; ≥40dBc@1565MHz ≥35dBc@1410MHz ≥9dB@1446MHz ≥25dB@1421MHz
VSWR	≤1.5
Power	1W
I/O impedance	50Ω

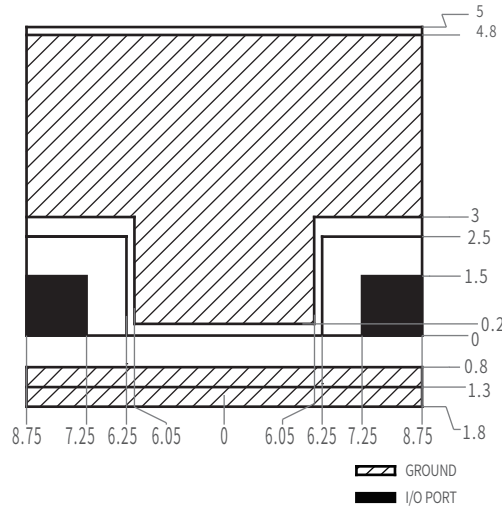
► Electrical response



► Mechanical Drawing



► PCB Layout

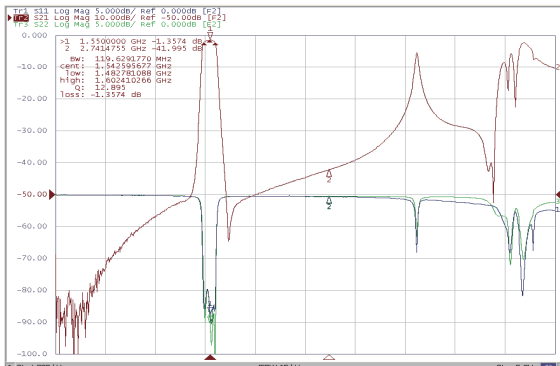
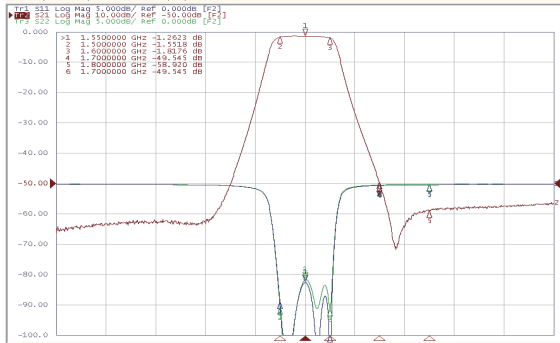


RBM1550-100-5CF

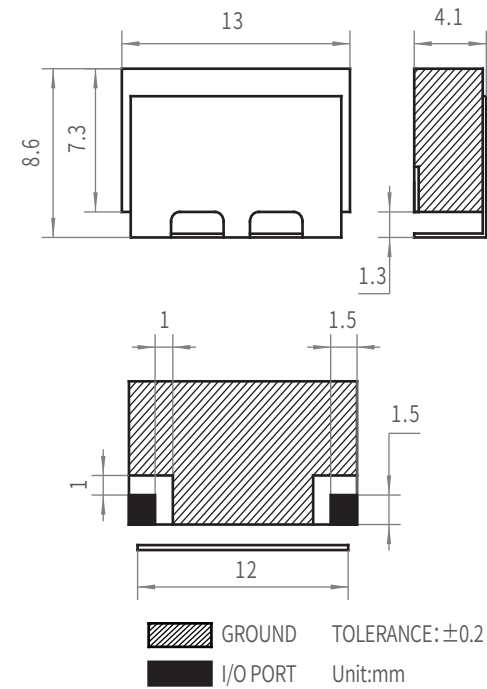
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM1550-100-5CF
Center Frequency	1550MHz
Bandwith (-1dB)	1500-1600MHz
Insertion Loss for Passband	≤2.0dB
Rejection	≥50dBc@F0-250MHz; ≥50dBc@F0+150MHz; ≥45dBc@F0+350MHz;
VSWR	≤1.5
I/O impedance	50Ω

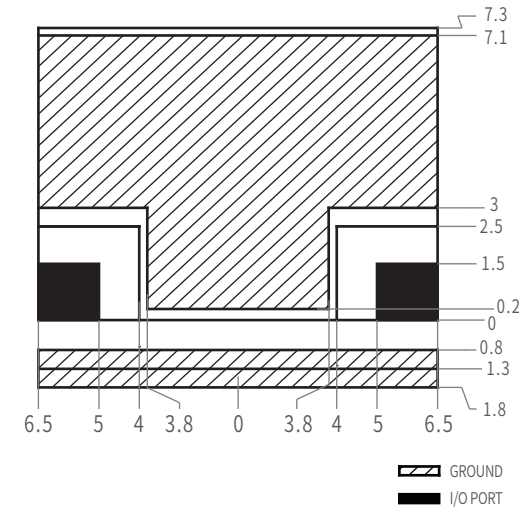
► Electrical response



► Mechanical Drawing



► PCB Layout

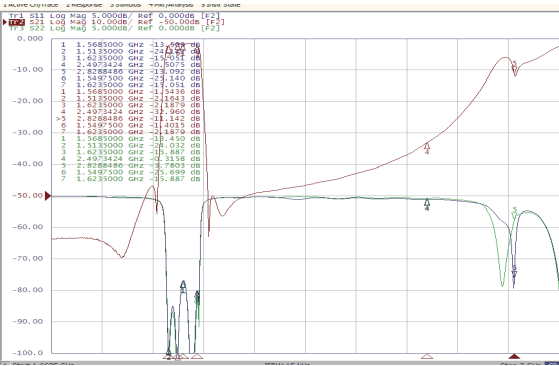
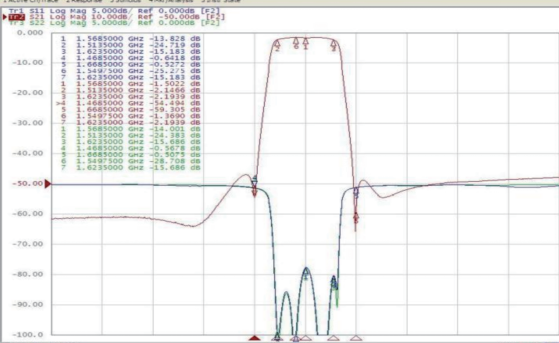


RBM1568.5-110-8CG

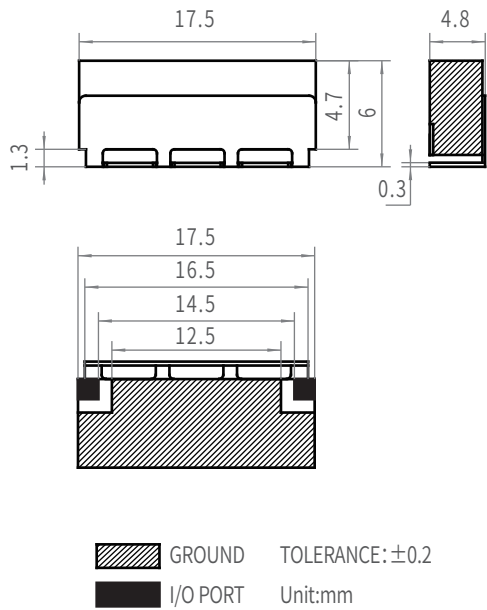
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM1568.5-110-8CG
Passband Frequency	1513.5MHz~1623.5MHz
Bandwith (1dB)	≥110MHz
Insertion Loss for Passband	≤3.5dB
Ripple	≤1dB
Rejection	≥45dBc@F0±100MHz;
VSWR	≤1.5
I/O impedance	50Ω

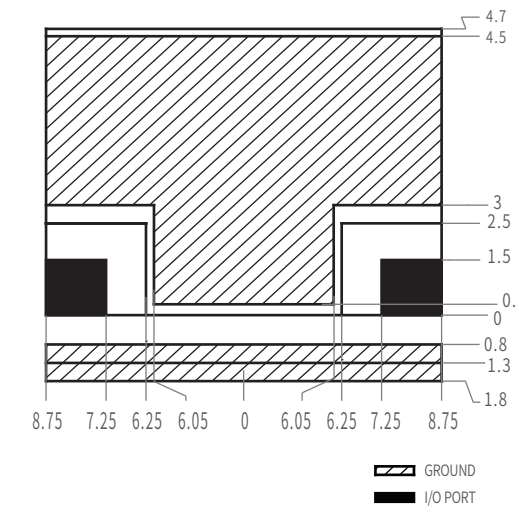
► Electrical response



► Mechanical Drawing



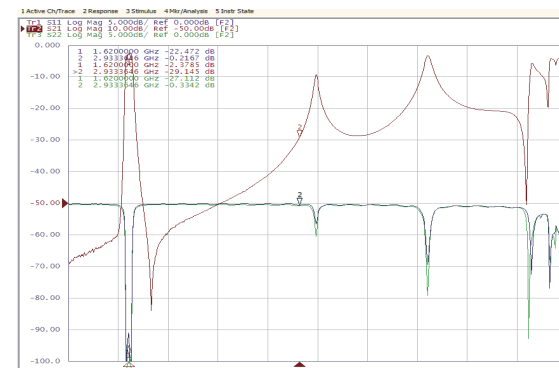
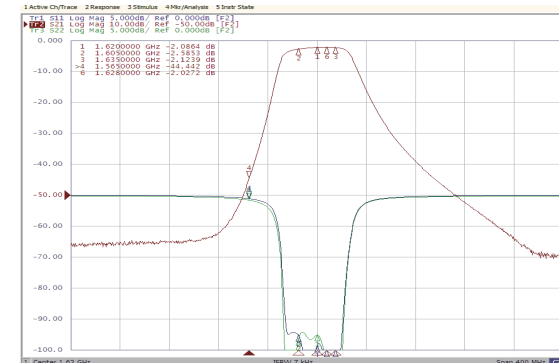
► PCB Layout



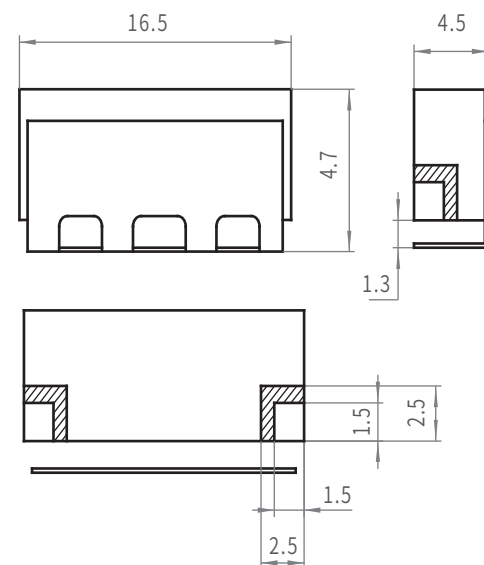
RBM1620-30-5CF

► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM1620-30-5CF
Passband Frequency	1605 ~ 1635MHz
Insertion Loss for Passband	≤ 3.0dB
Rejection	≥ 40dB@1565MHz
VSWR	≤ 1.5
I/O impedance	50 Ω

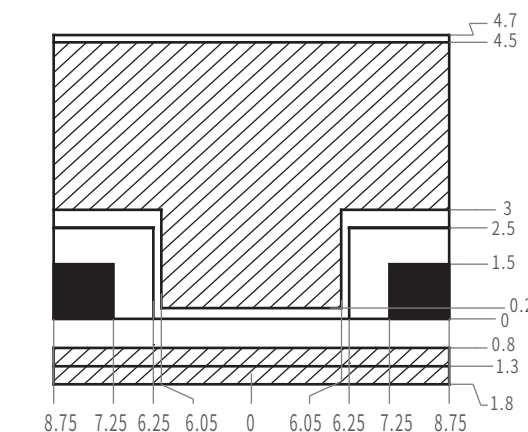


► Mechanical Drawing



 GROUND TOLERANCE: ± 0.3
 I/O PORT Unit:mm

- ▶ PCB Layout



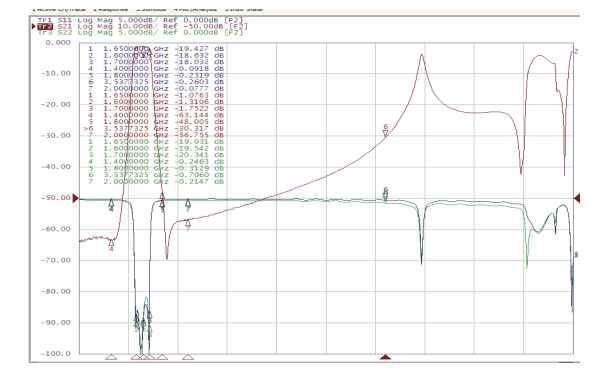
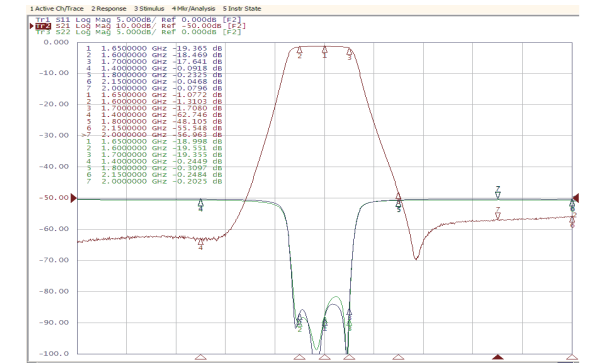
 GROUND
 I/O PORT

RBM1650-100-5CF

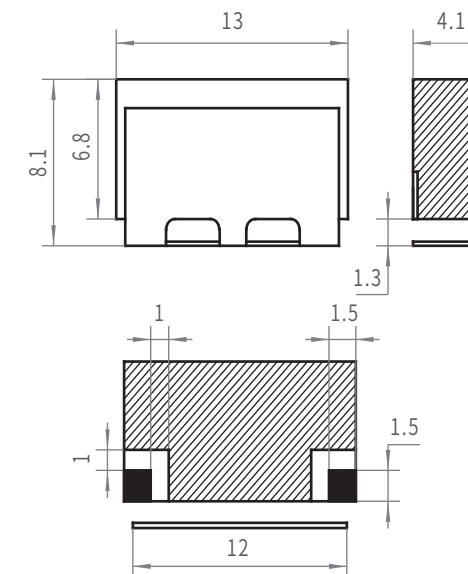
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM1650-100-5CF
Center Frequency	1650MHz
Bandwith (-1dB)	1600-1700MHz
Insertion Loss for Passband	≤2.0dB
Rejection	≥50dBc@F0-250MHz; ≥50dBc@F0+150MHz ≥45dBc@F0+350MHz;
VSWR	≤1.5
I/O impedance	50Ω

► Electrical response

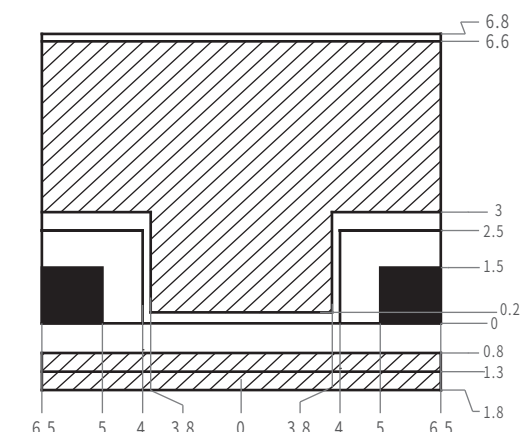


► Mechanical Drawing



 GROUND TOLERANCE: ± 0.2
 I/O PORT Unit:mm

► PCB Layout



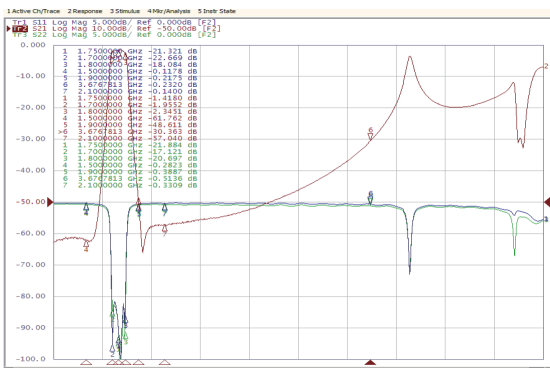
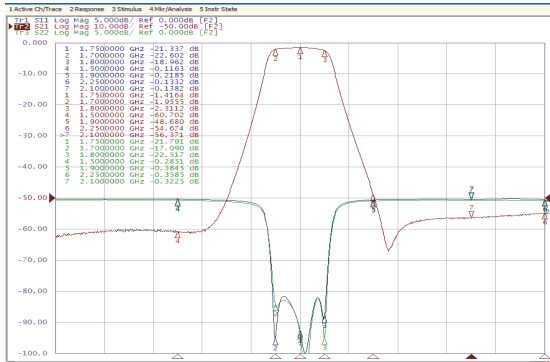
 GROUND
 I/O PORT

RBM1750-100-5CF

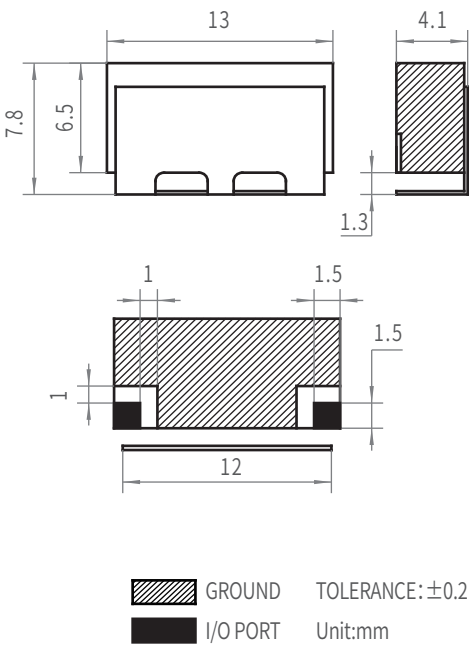
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM1750-100-5CF
Center Frequency	1750MHz
Bandwith (-1dB)	1700-1800MHz
Insertion Loss for Passband	≤2.0dB
Rejection	≥50dBc@F0-250MHz; ≥50dBc@F0+150MHz ≥45dBc@F0+350MHz;
VSWR	≤1.5
I/O impedance	50 Ω

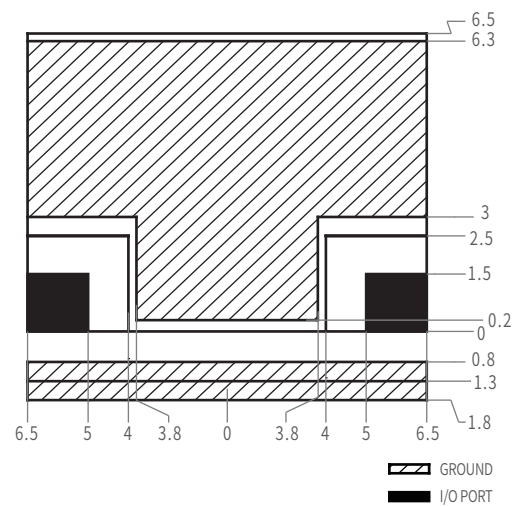
► Electrical response



► Mechanical Drawing



► PCB Layout

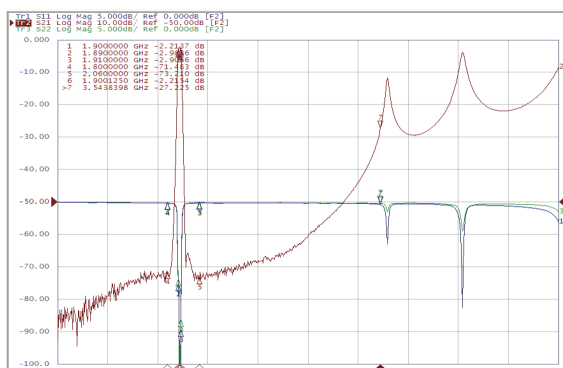
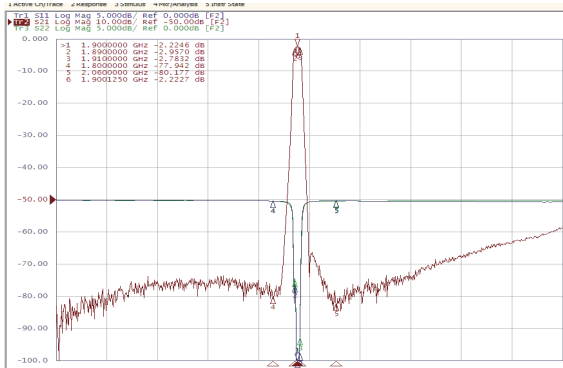


RBM1900-20-5CK

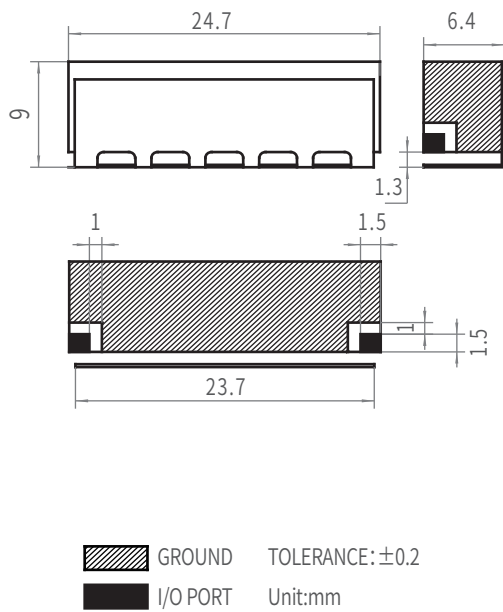
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM1900-20-5CK
Center Frequency	1900MHz
Bandwith (-1dB)	20MHz~25MHz
Insertion Loss for Passband	≤7dB
Rejection	≥60dB@DC~1800MHz; ≥60dB@2060~3000MHz;
VSWR	≤1.5
I/O impedance	50 Ω

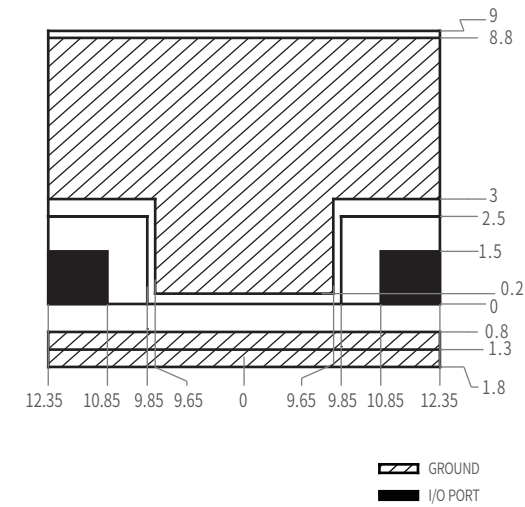
► Electrical response



► Mechanical Drawing



► PCB Layout

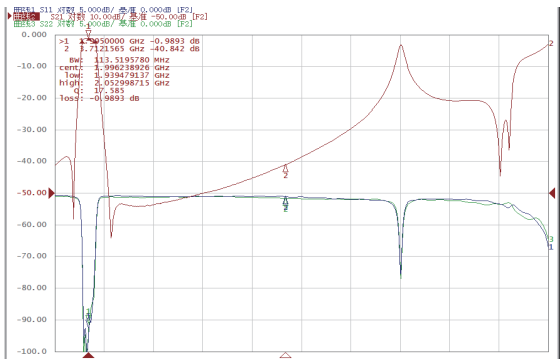
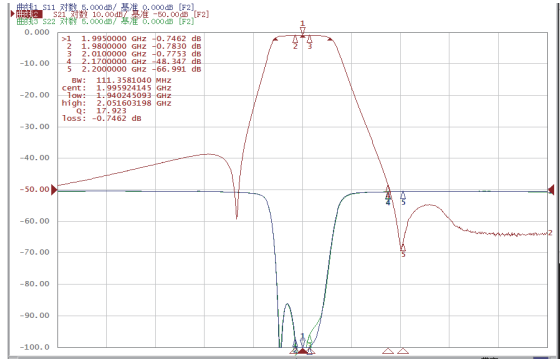


RBM1995-30-4CH

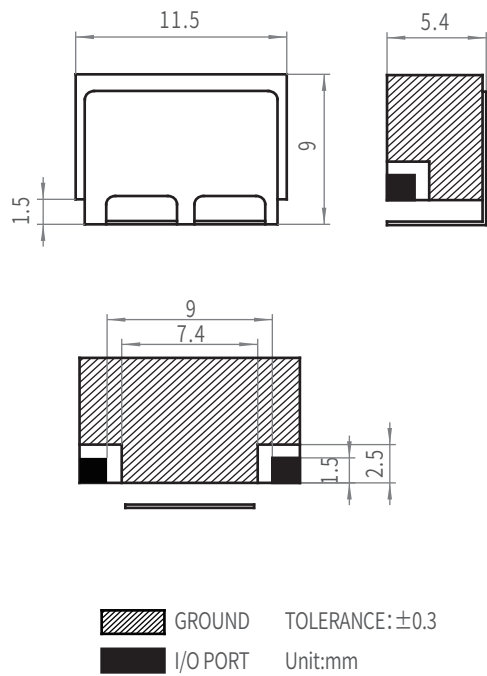
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM1995-30-4CH RBM1995-30-4CH-1(TD7.820)
Center Frequency	1995MHz
Bandwith (-1dB)	≥30MHz
Insertion Loss for Passband	≤1.5dB
Rejection	≥40dBc@2170~2200MHz ≥20dB@3500MHz
VSWR	≤1.5
Power	10W
I/O impedance	50Ω

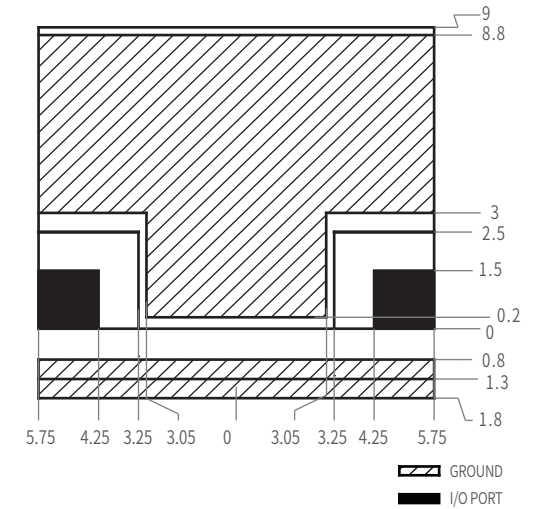
► Electrical response



► Mechanical Drawing



► PCB Layout

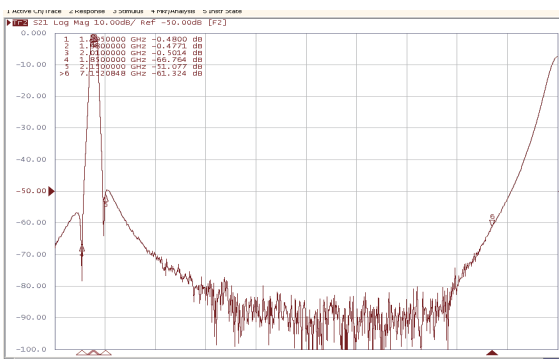
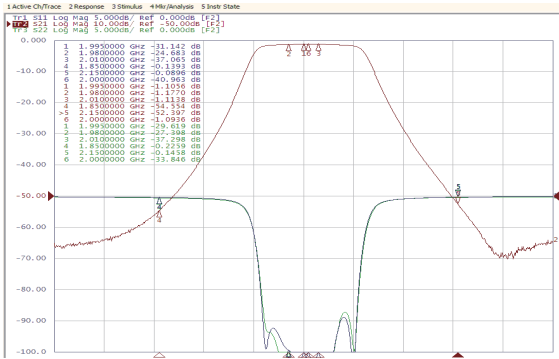


RBM1995A-30-5CF

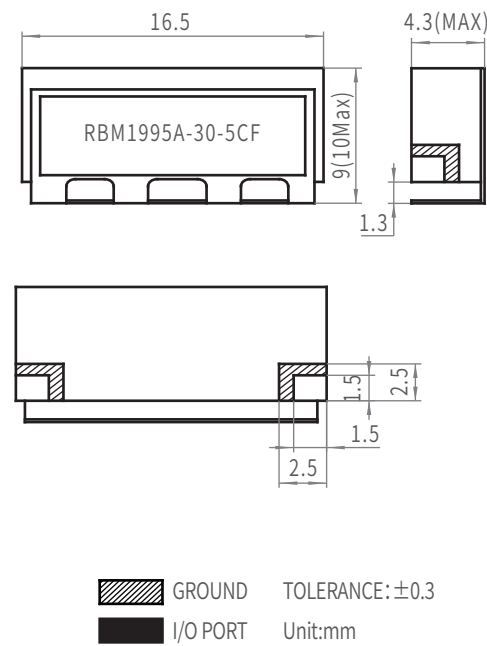
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM1995A-30-5CF
Passband Frequency	1980~2010MHz
Insertion Loss for Passband	≤3dB
Ripple	≤0.5dB
Rejection	≥50dB@1850MHz; ≥50dB@2150MHz
VSWR	≤1.5
I/O impedance	50Ω

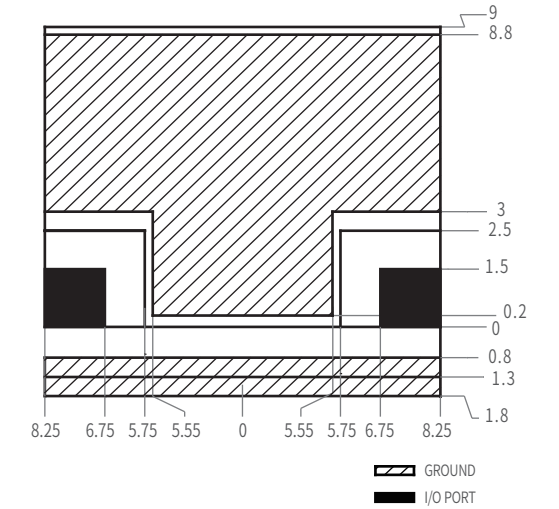
► Electrical response



► Mechanical Drawing



► PCB Layout

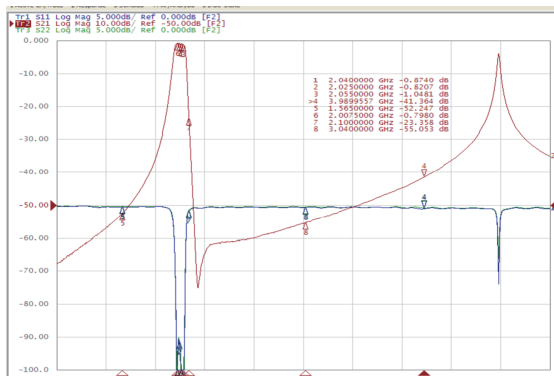
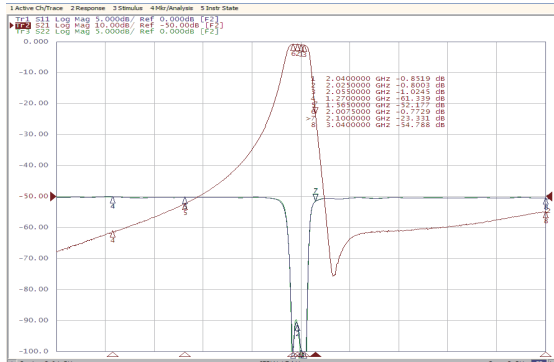


RBM2040-30-4CH

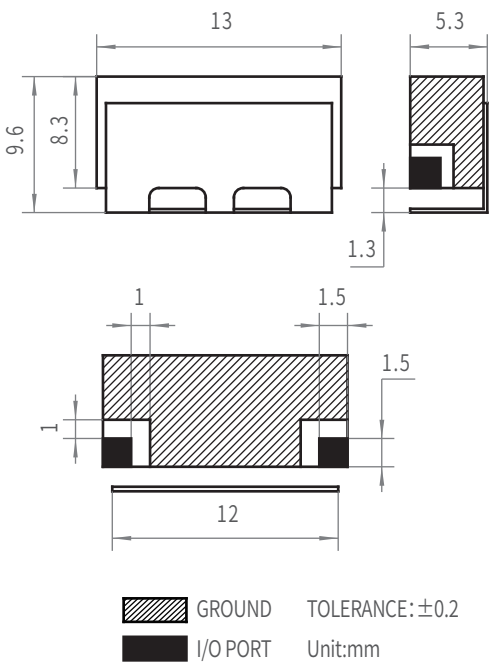
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM2040-30-4CH
Center Frequency	2040MHz
Bandwith (-1dB)	≥ 30 MHz
Insertion Loss for Passband	≤ 3dB
Ripple	≤ 1.0dB@f0 ± 15MHz ≤ 0.5dB@f0 ± 10MHz
Rejection	≥ 40dBc@1270MHz; ≥ 40dBc@1565MHz ≥ 20dB@2100MHz;
VSWR	≤ 1.5
I/O impedance	50 Ω

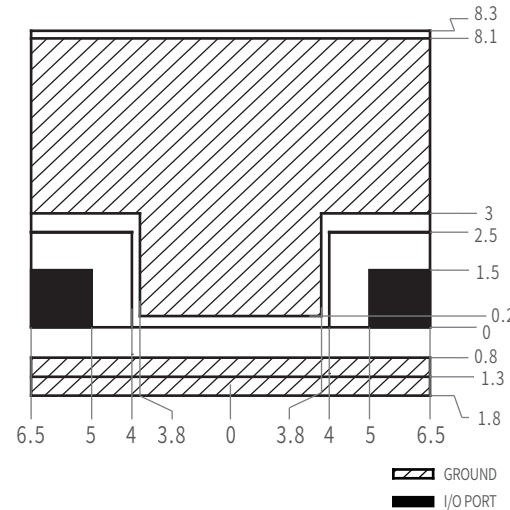
► Electrical response



► Mechanical Drawing



► PCB Layout

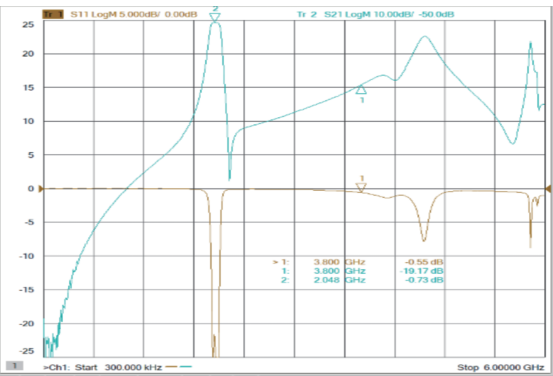
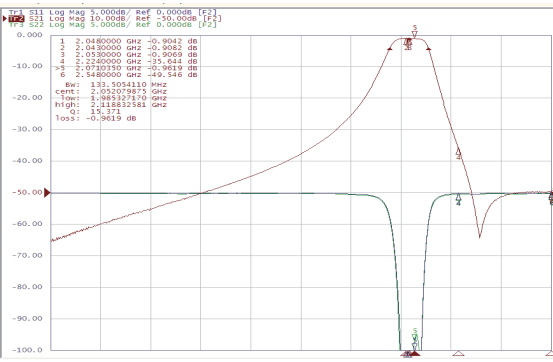


RBM2048-10-3CD

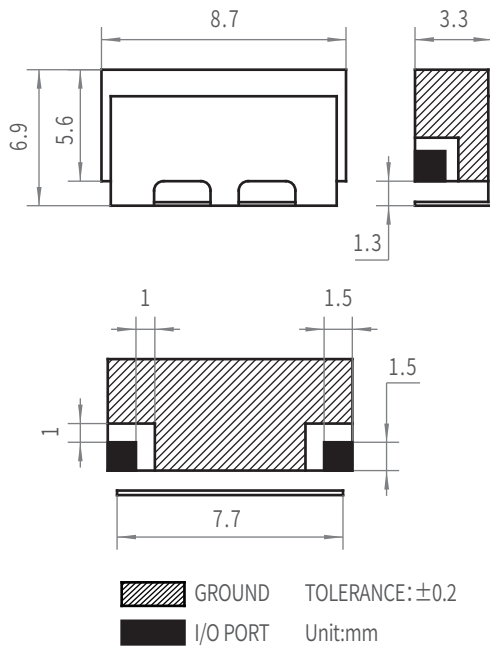
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM2048-10-3CD
Center Frequency	2224MHz
Bandwidth (-1dB)	≥ 10MHz
Insertion Loss for Passband	≤ 1dB
Rejection	≥ 30dB@2224MHz;
VSWR	≤ 1.5
I/O impedance	50 Ω

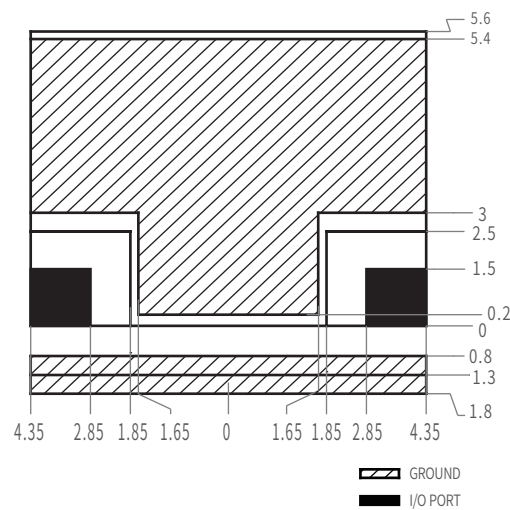
► Electrical response



► Mechanical Drawing



► PCB Layout

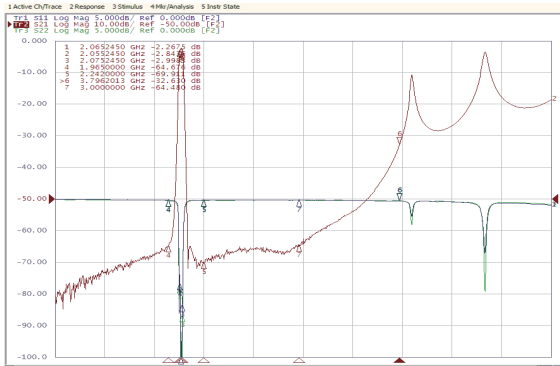
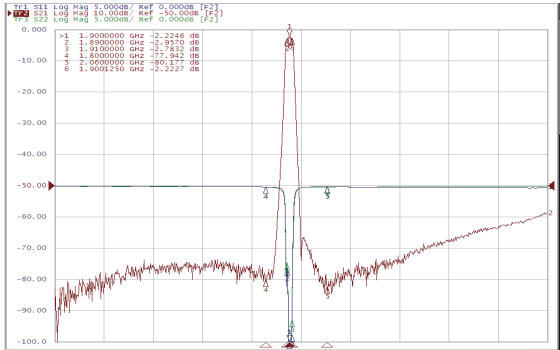


RBM2065.245-20-5CK

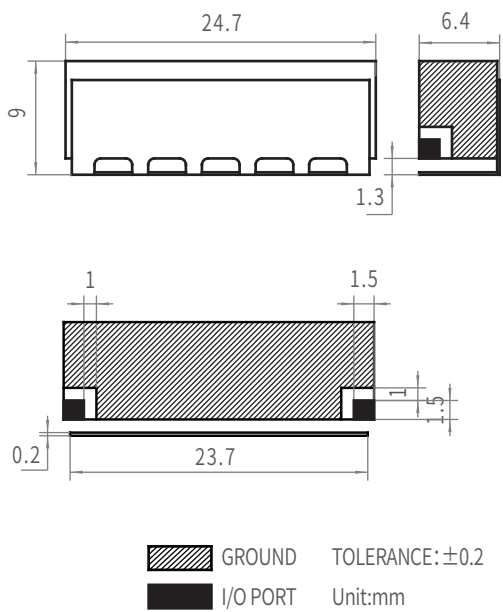
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM2065.245-20-5CK
Center Frequency	2065.245MHz
Bandwidth (-1dB)	20MHz~25MHz
Insertion Loss for Passband	≤3.0dB
Rejection	≥60dB@DC~1965MHz ≥60dB@2242~3000MHz
VSWR	≤1.5
I/O impedance	50Ω

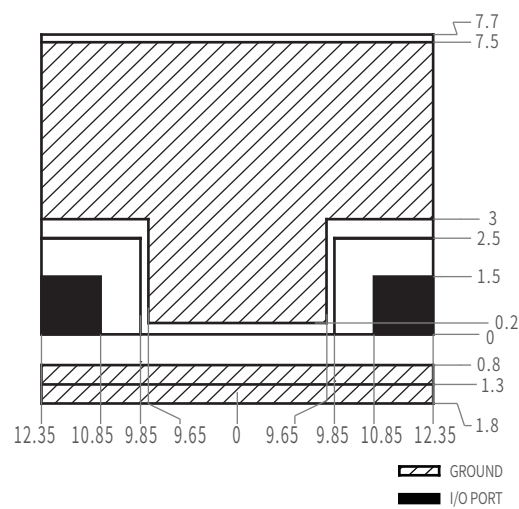
► Electrical response



► Mechanical Drawing



► PCB Layout

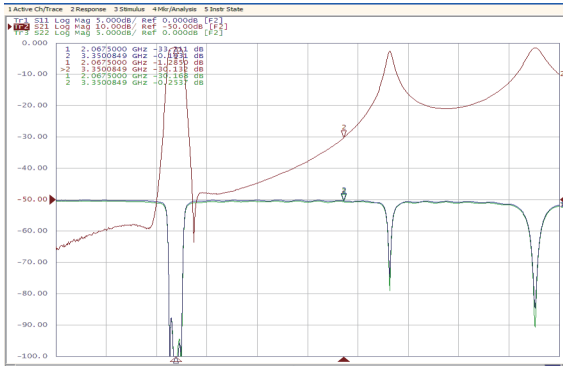
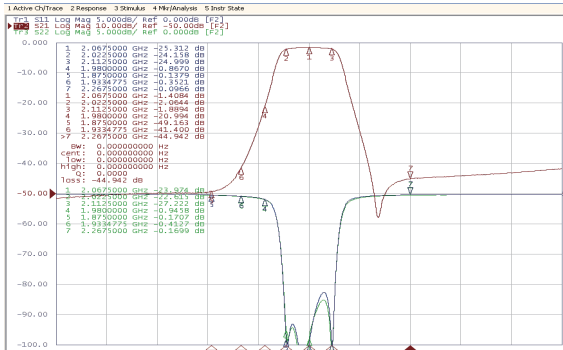


RBM2067.5-90-5CF

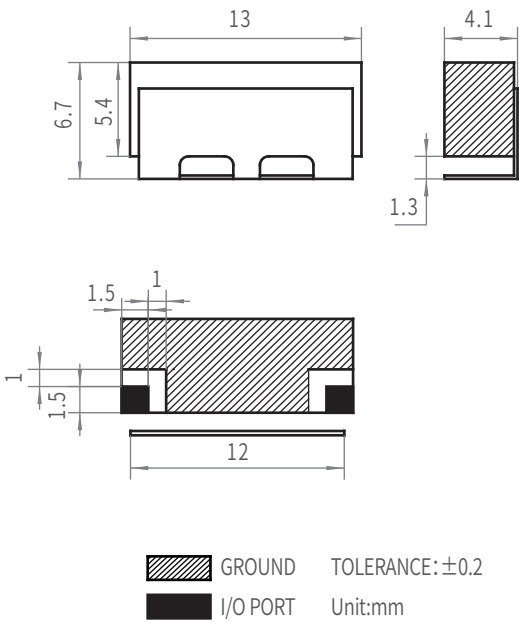
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM2067.5-90-5CF
Center Frequency	2067.5MHz
Bandwidth (-1dB)	≥90MHz
Bandwidth (-3dB)	≥103MHz
Insertion Loss for Passband	≤3.5dB
Ripple	≤1dB
Rejection	≥20dB@1980MHz; ≥40dB@1875MHz; ≥40dB@F0±200MHz; ≥40dB@2200~2290MHz
VSWR	≤1.5
Power	≥5dBm
I/O impedance	50Ω

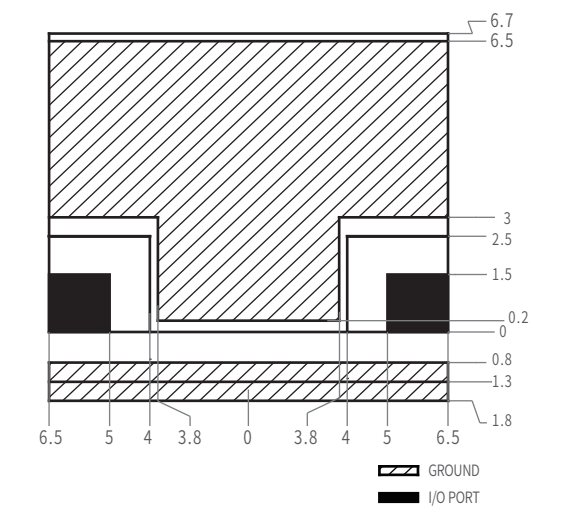
► Electrical response



► Mechanical Drawing



► PCB Layout

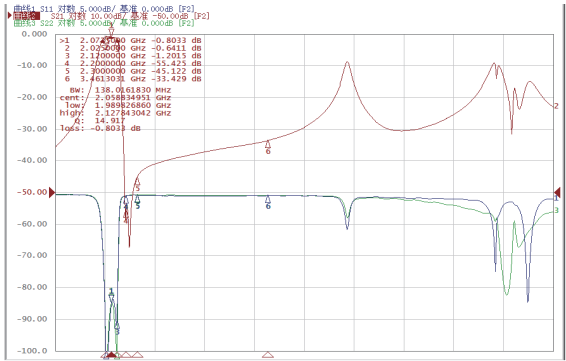
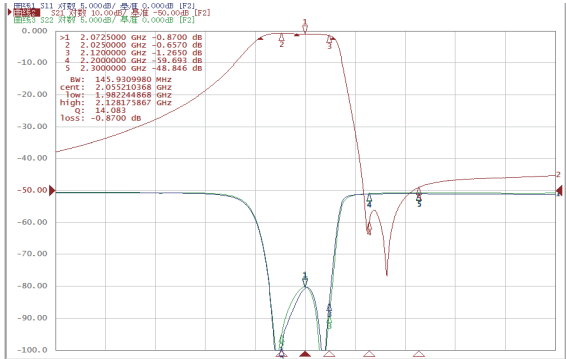


RBM2072.5-95-4CK

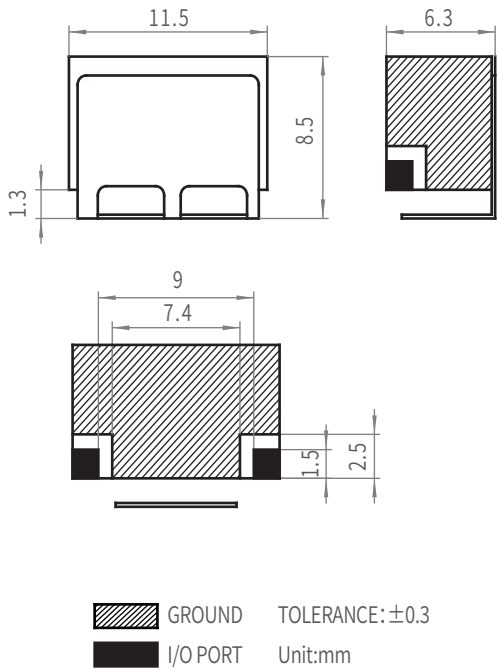
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM2072.5-95-4CK
Center Frequency	2072.5MHz
Bandwith (-1dB)	≥95MHz
Insertion Loss for Passband	≤1.5dB
Rejection	≥45dB@2200~2300MHz
VSWR	≤1.65@F0±47.5MHz
Power	5W
I/O impedance	50Ω

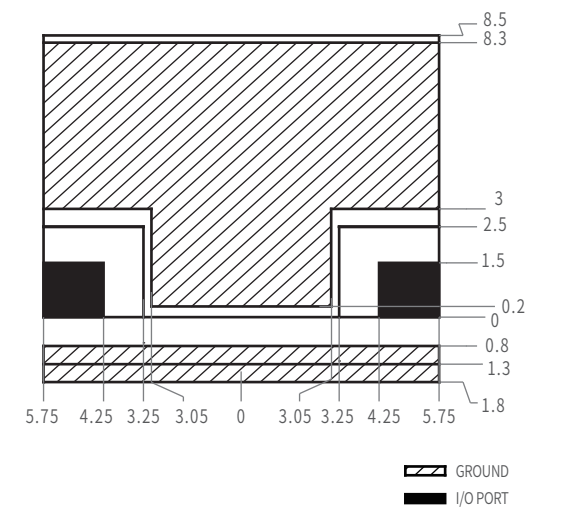
► Electrical response



► Mechanical Drawing



► PCB Layout

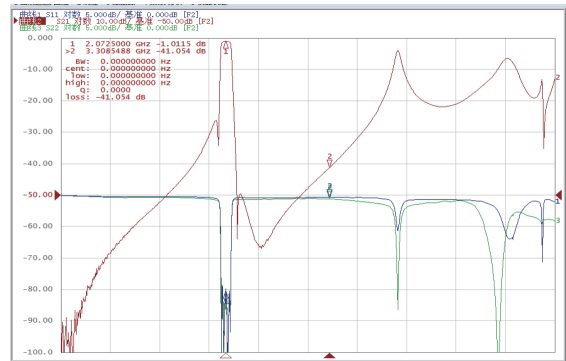
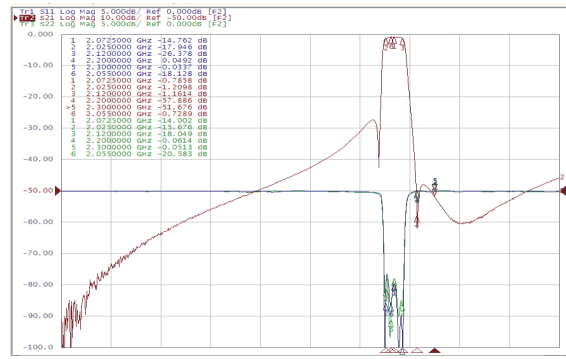


RBM2072.5-95-4CKF

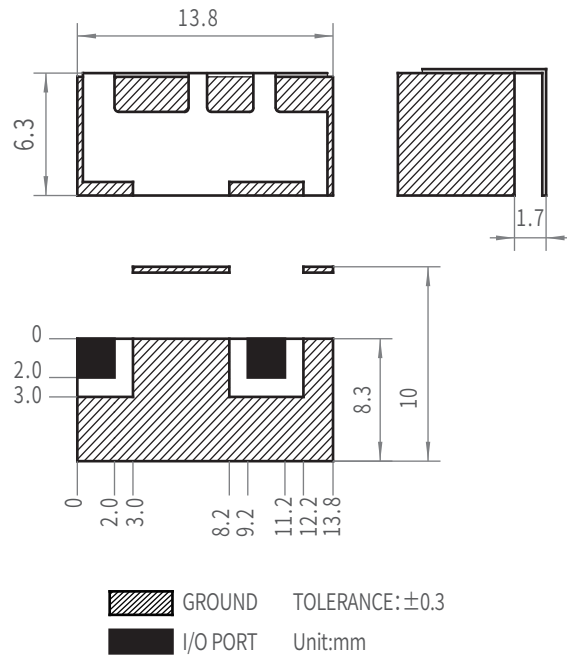
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM2072.5-95-4CKF
Center Frequency	2072.5MHz
Bandwith (-1dB)	≥95MHz
Insertion Loss for Passband	≤1.5dB
Rejection	≥45dB@2200~2300MHz
VSWR	≤1.65@F0±47.5MHz
Power	5W
I/O impedance	50Ω

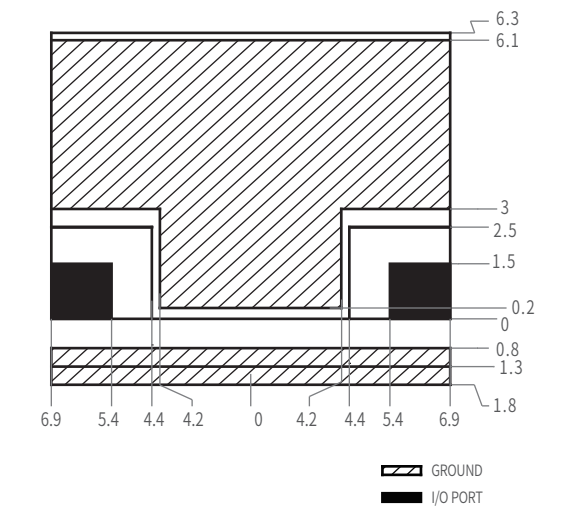
► Electrical response



► Mechanical Drawing



► PCB Layout

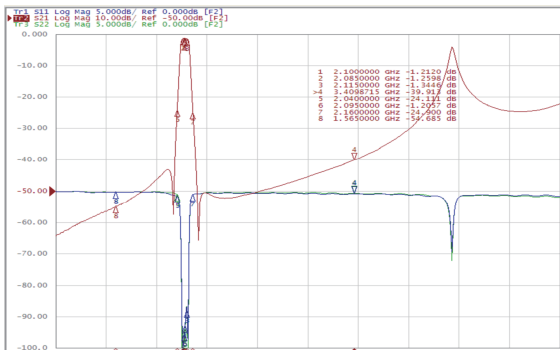
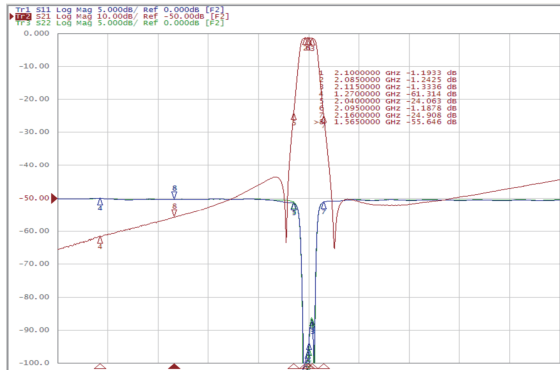


RBM2100-30-4CH

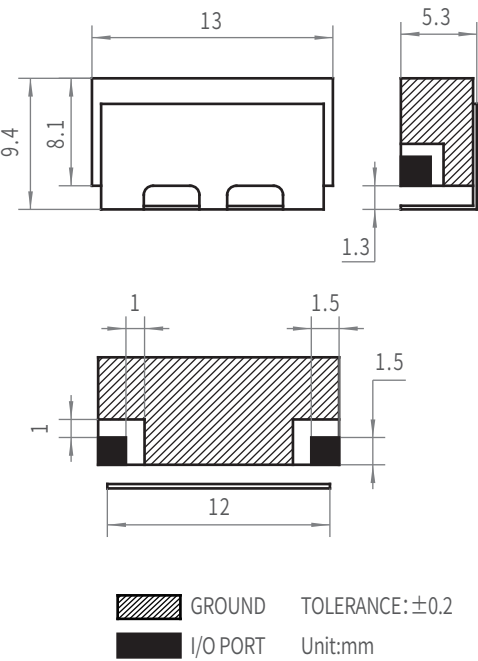
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM2100-30-4CH
Center Frequency	2100MHz
Bandwith	≥30 MHz
Insertion Loss for Passband	≤3dB
Ripple	≤1.0dB@f0±15MHz ≤0.5dB@f0±10 MHz
Rejection	≥40dBc@1270MHz; ≥40dBc@1565MHz ≥20dB@2040MHz; ≥20dB@2160MHz;
VSWR	≤1.5
I/O impedance	50 Ω

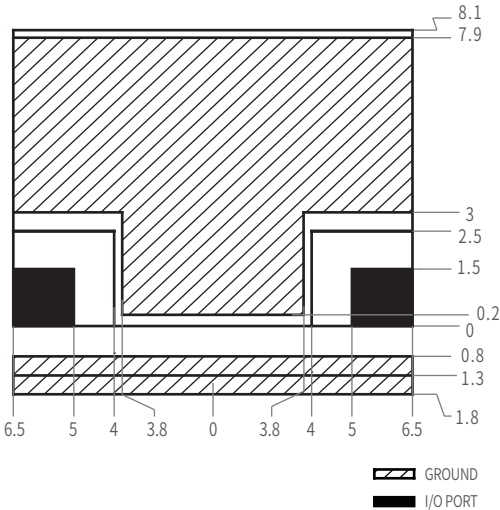
► Electrical response



► Mechanical Drawing



► PCB Layout

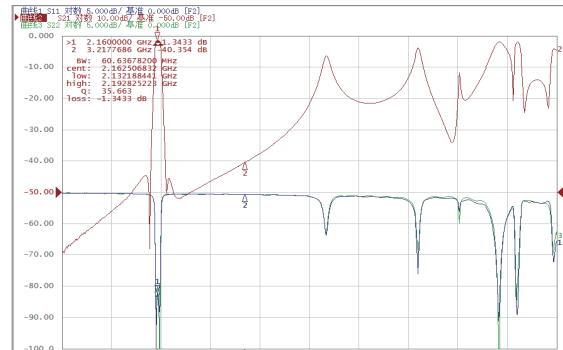
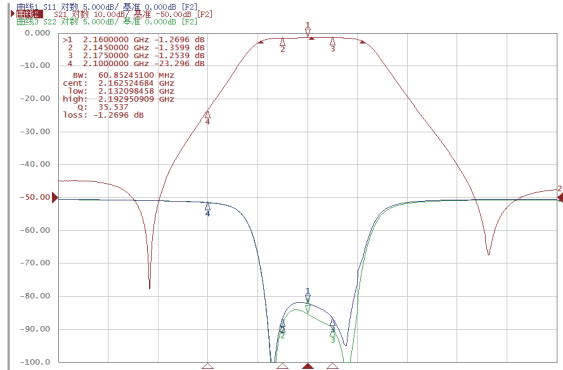


RBM2160-30-4CH

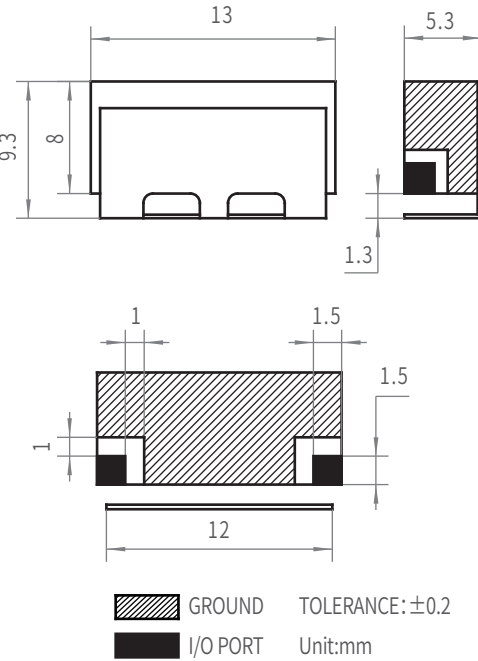
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM2160-30-4CH
Center Frequency	2160MHz
Bandwith	≥30 MHz
Insertion Loss for Passband	≤3dB
Ripple	≤1.0dB
Rejection	≥40dBc@1270MHz; ≥40dBc@1565MHz ≥20dB@2100MHz;
VSWR	≤1.5
I/O impedance	50 Ω

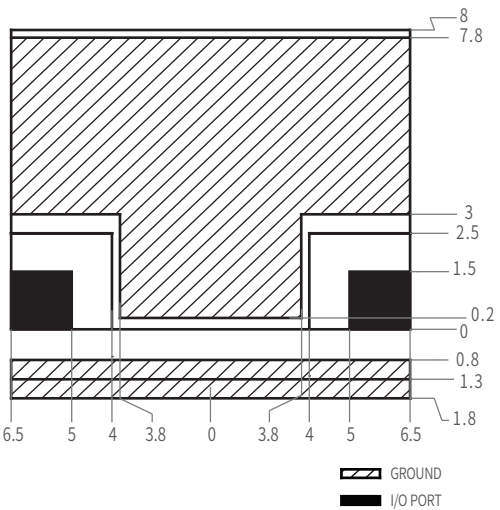
► Electrical response



► Mechanical Drawing



► PCB Layout

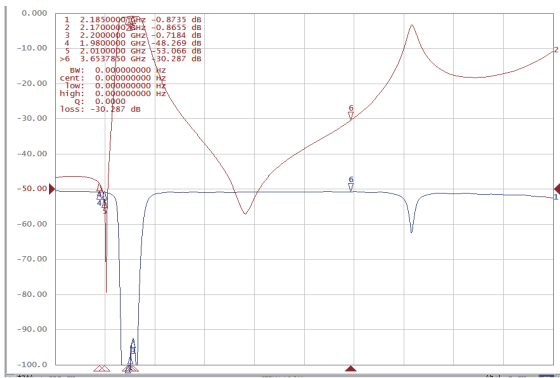
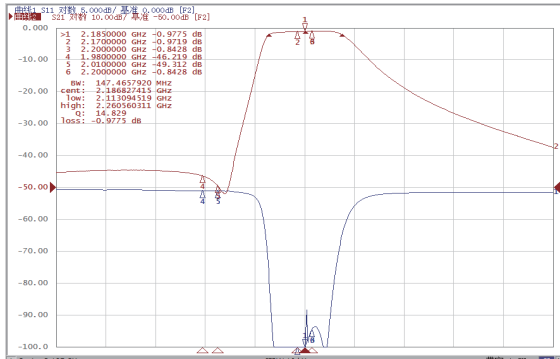


RBM2185-30-4CH

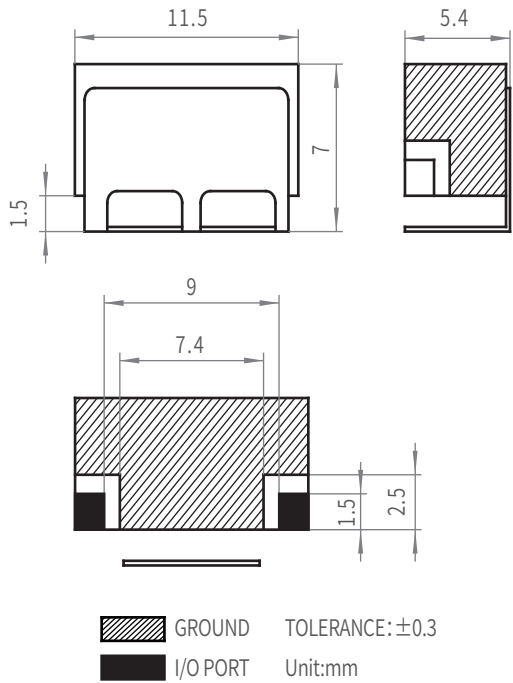
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM2185-30-4CH
Center Frequency	2185MHz
Bandwith (-1dB)	≥30MHz
Insertion Loss for Passband	≤1.6dB
Rejection	≥45dBc@1980~2010MHz
VSWR	≤1.5
Power	5W
I/O impedance	50Ω

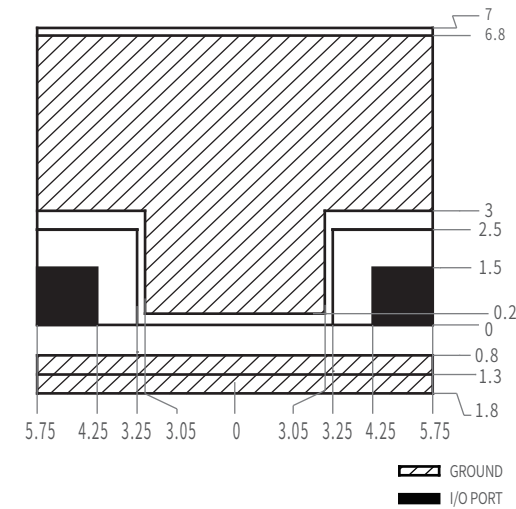
► Electrical response



► Mechanical Drawing



► PCB Layout

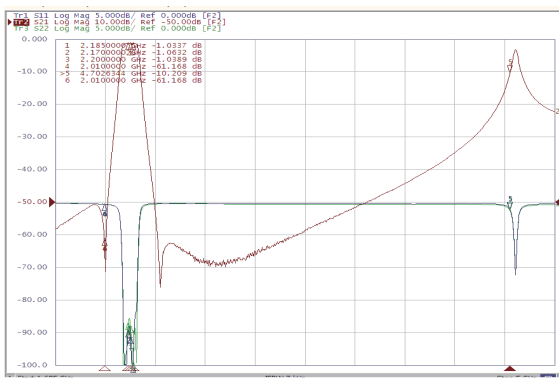
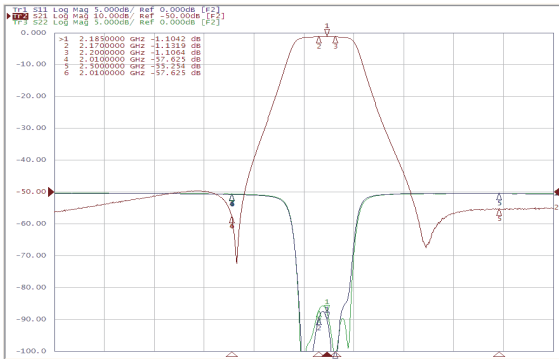


RBM2185-30-4CHF

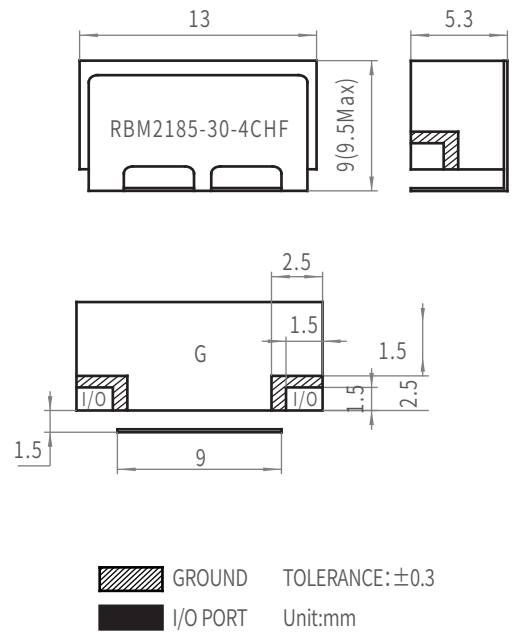
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM2185-30-4CHF
Center Frequency	2185MHz
Bandwidth (-1dB)	≥30MHz
Insertion Loss for Passband	≤1.5dB
Rejection	≥45dBc@1980~2010MHz
VSWR	≤1.5
Power	5W
I/O impedance	50Ω

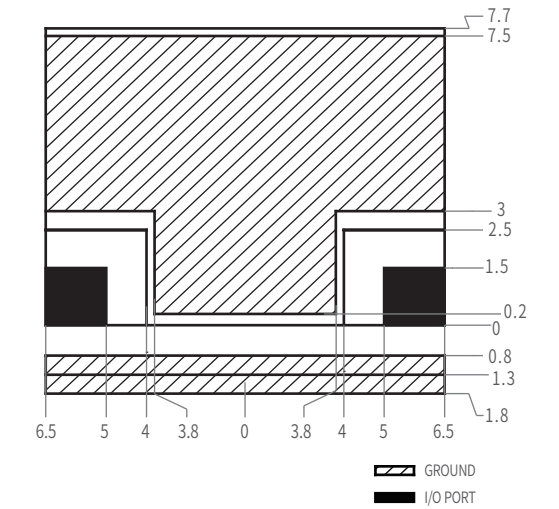
► Electrical response



► Mechanical Drawing



► PCB Layout

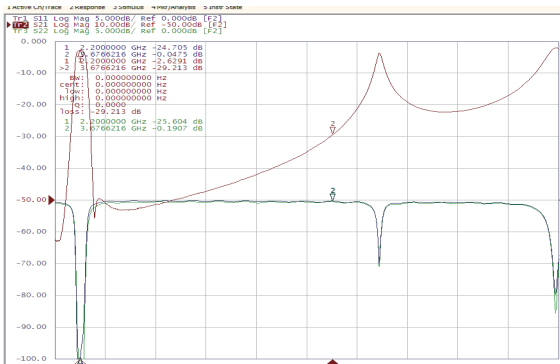
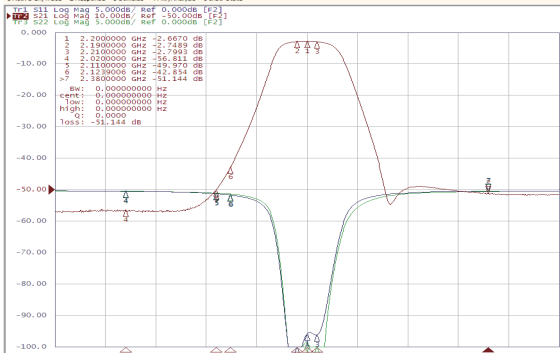


RBM2200-20-5CF

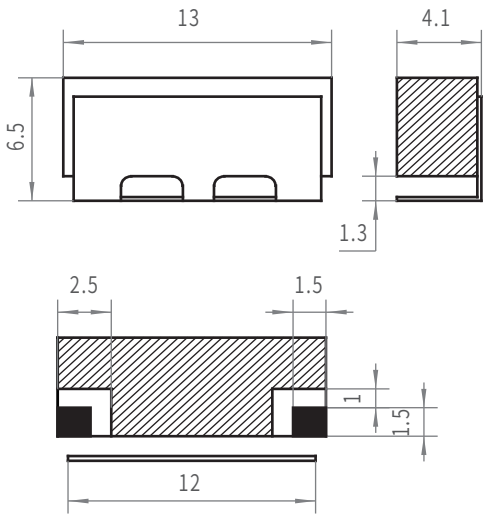
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM2200-20-5CF
Passband Frequency	2200MHz(Point frequency)
Insertion Loss for Passband	≤3.5dB
Rejection	≥45dBc@2.02GHz; ≥45dBc@2.11GHz ≥45dBc@2.29GHz; ≥45dBc@2.38GHz
VSWR	≤1.5
I/O impedance	50Ω

► Electrical response

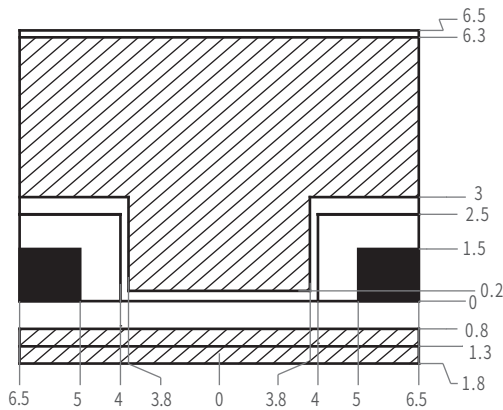


► Mechanical Drawing



 GROUND TOLERANCE: ±0.2
 I/O PORT Unit:mm

► PCB Layout



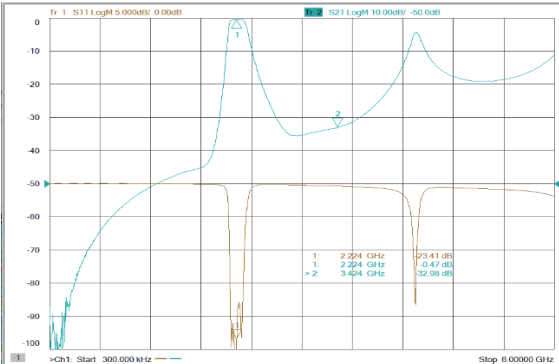
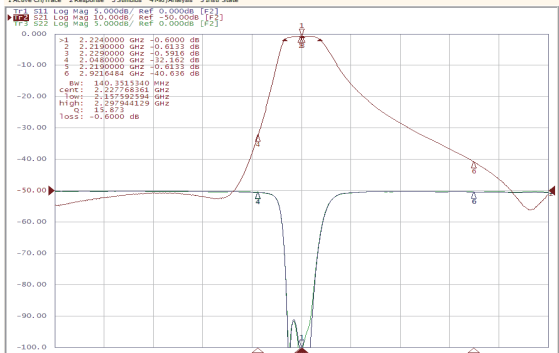
 GROUND
 I/O PORT

RBM2224-10-3CD

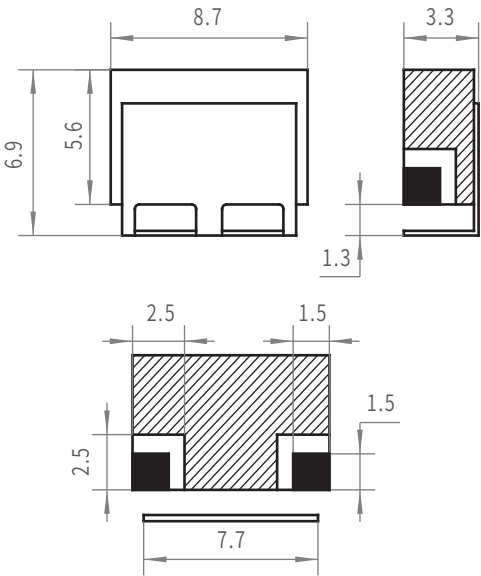
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM2224-10-3CD
Center Frequency	2224MHz
Bandwith (-1dB)	≥10MHz
Insertion Loss for Passband	≤1dB
Rejection	≥30dB@2048MHz;
VSWR	≤1.5
I/O impedance	50Ω

► Electrical response

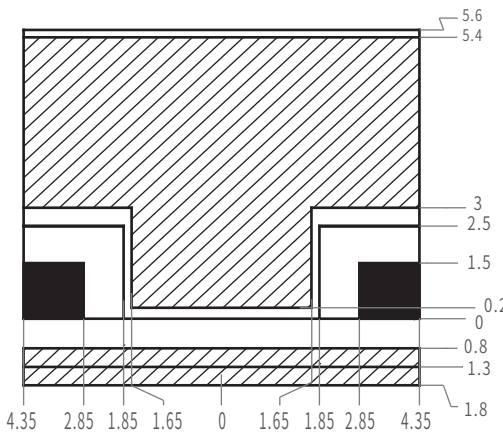


► Mechanical Drawing



 GROUND TOLERANCE: ±0.2
 I/O PORT Unit:mm

► PCB Layout



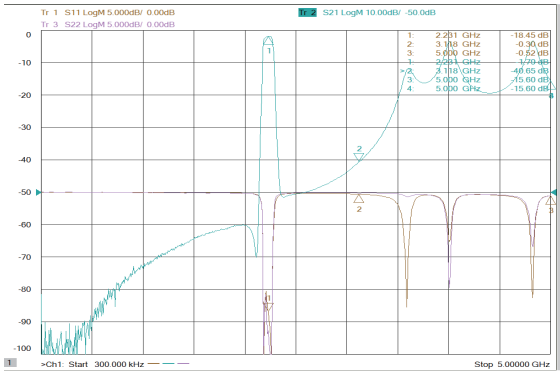
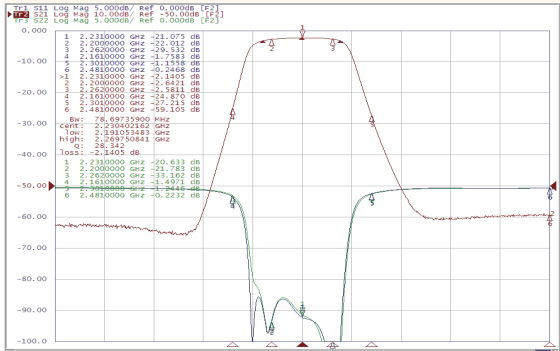
 GROUND
 I/O PORT

RBM2231-62-6CH

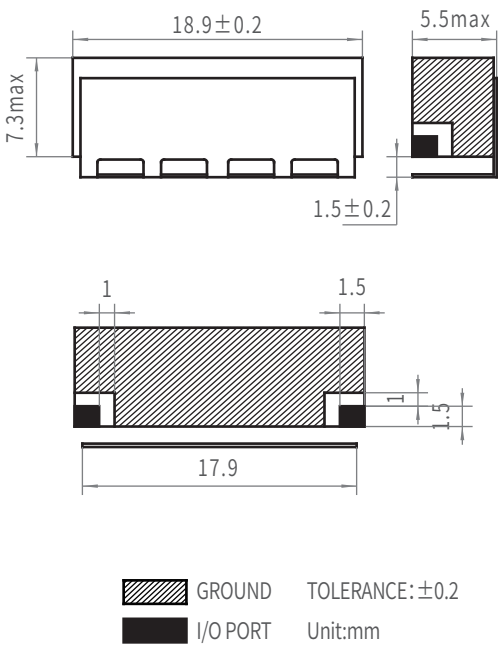
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM2231-62-6CH
Center Frequency	2231MHz
Bandwith (-1dB)	≥62MHz
Insertion Loss for Passband	≤3dB@F0±31MHz
Rejection	≥30dBc@DC~2150MHz; ≥20dBc@F0±70MHz
VSWR	≤1.5@F0±31MHz
I/O impedance	50Ω

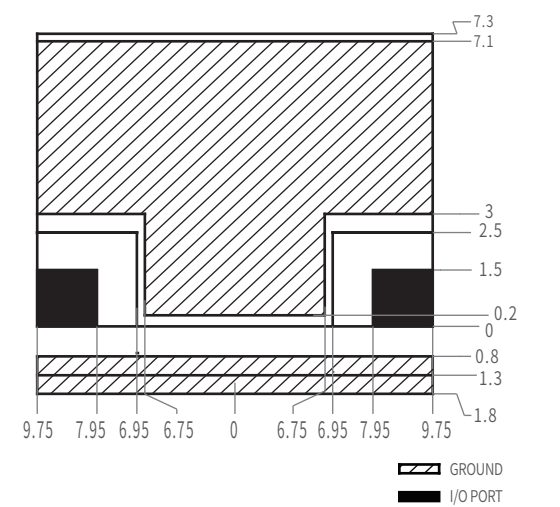
► Electrical response



► Mechanical Drawing



► PCB Layout

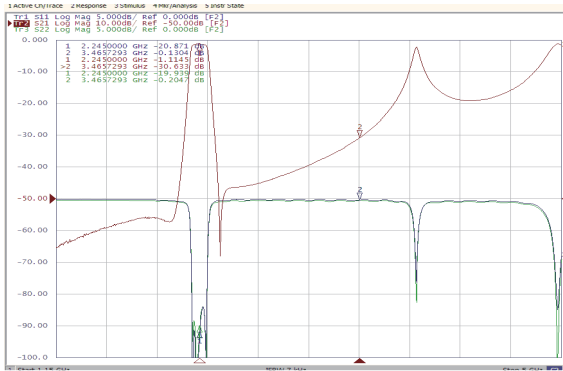
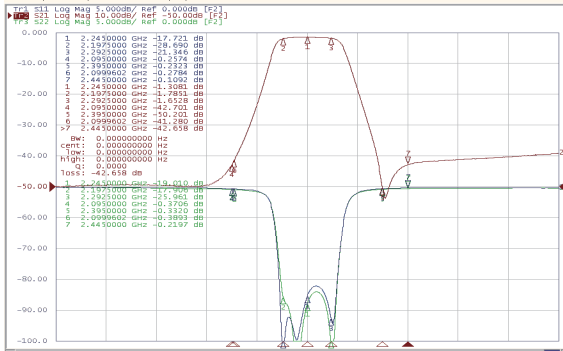


RBM2245-95-5CF

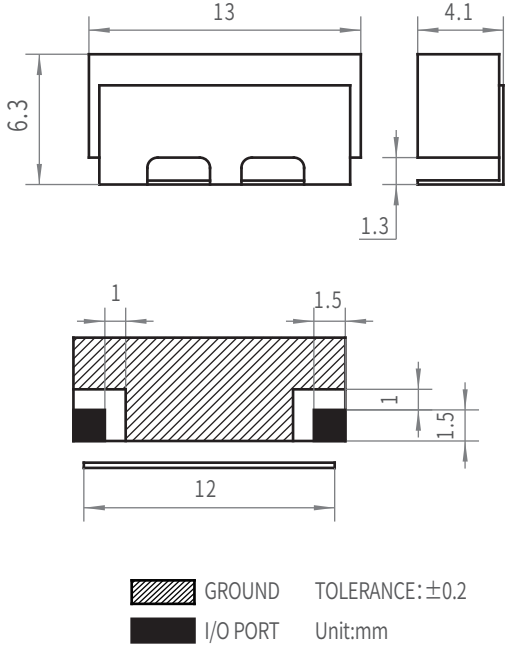
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM2245-95-5CF
Center Frequency	2245MHz
Bandwith (-1dB)	≥95MHz
Bandwith (-3dB)	≥115MHz
Insertion Loss for Passband	≤3.5dB
Ripple	≤1dB
Rejection	≥35dB@F0±150MHz; ≥35dB@F0±200MHz; ≥40dB@10~2045MHz; ≥35dB@2445~2545MHz
VSWR	≤1.5
Power	≥5dBm
I/O impedance	50Ω

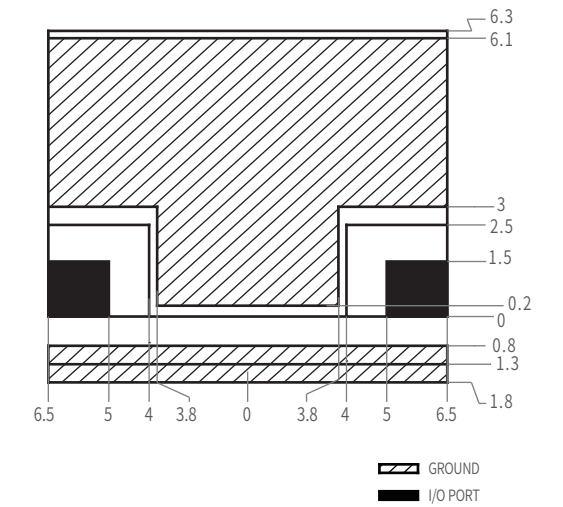
► Electrical response



► Mechanical Drawing



► PCB Layout

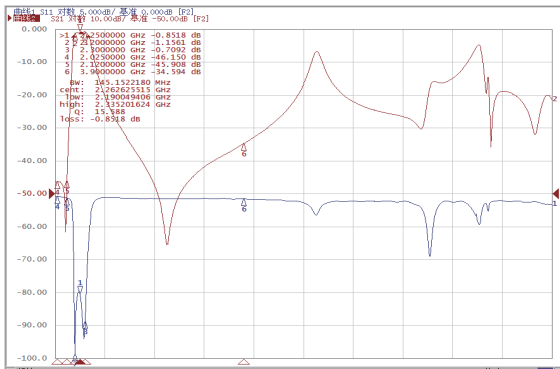
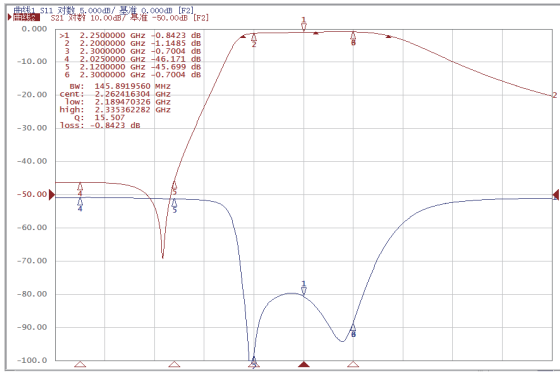


RBM2250-100-4CH

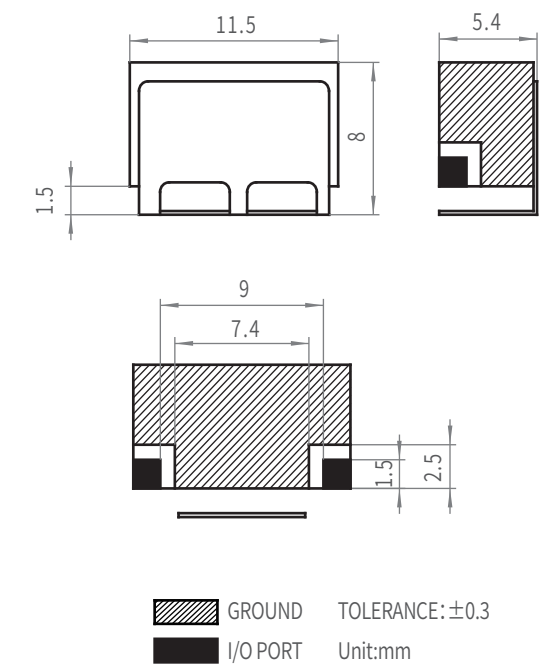
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM2250-100-4CH
Center Frequency	2250MHz
Bandwith (-1dB)	≥100MHz
Insertion Loss for Passband	≤1.5dB
Rejection	≥40dBc@2025~2120MHz ≥20dB@3900MHz
VSWR	≤1.5
Power	10W
I/O impedance	50Ω

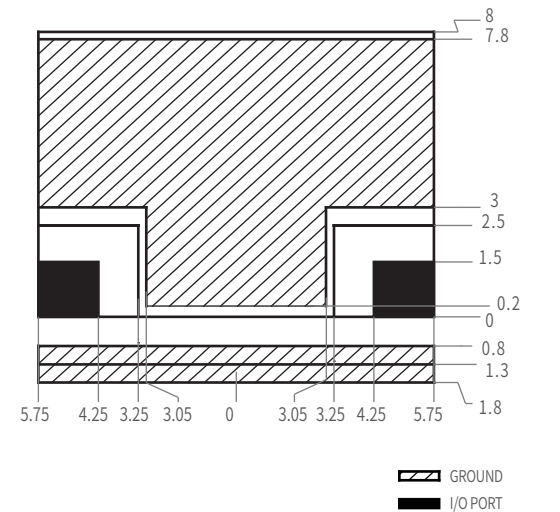
► Electrical response



► Mechanical Drawing



► PCB Layout

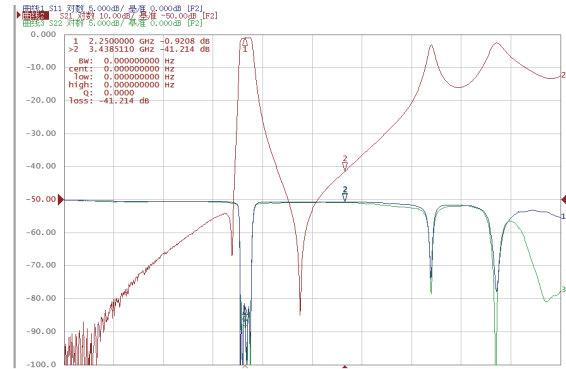
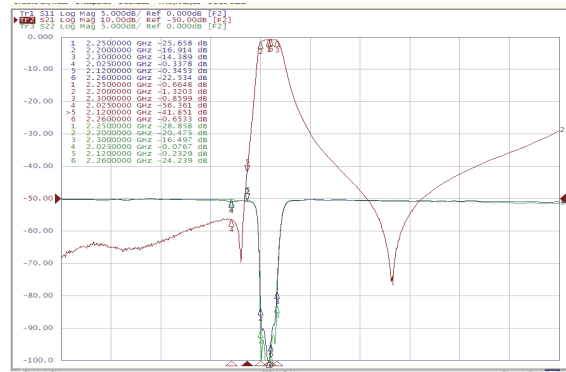


RBM2250-100-4CKF

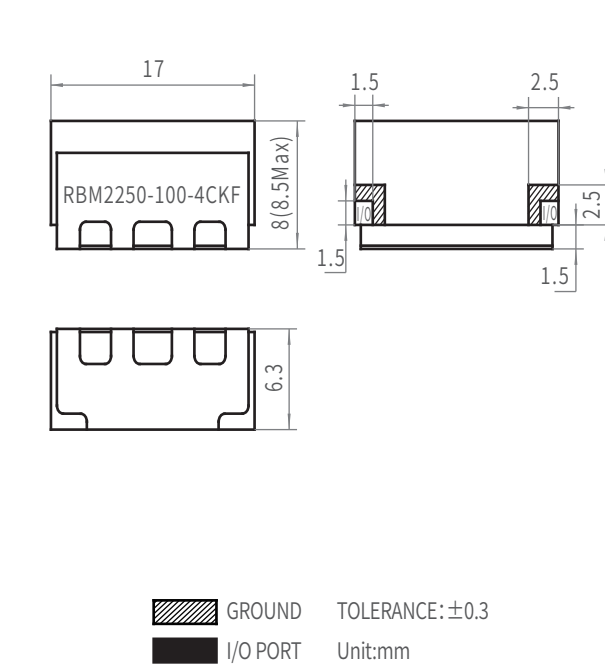
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM2250-100-4CKF
Center Frequency	2250MHz
Bandwith (-1dB)	≥100MHz
Insertion Loss for Passband	≤1.5dB
Rejection	≥40dBc@2025~2120MHz
VSWR	≤1.5
Power	10W
I/O impedance	50Ω

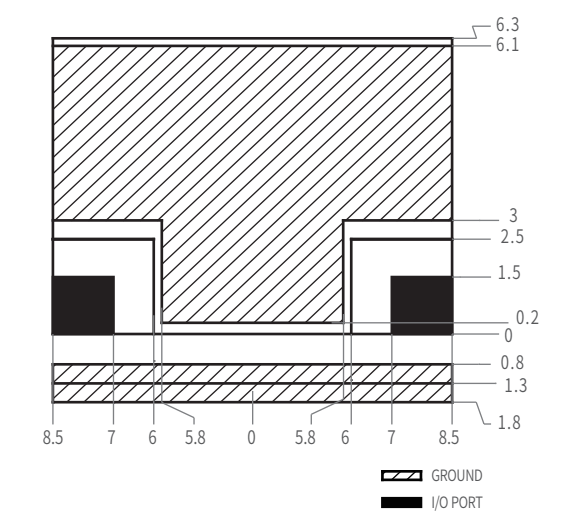
► Electrical response



► Mechanical Drawing



► PCB Layout

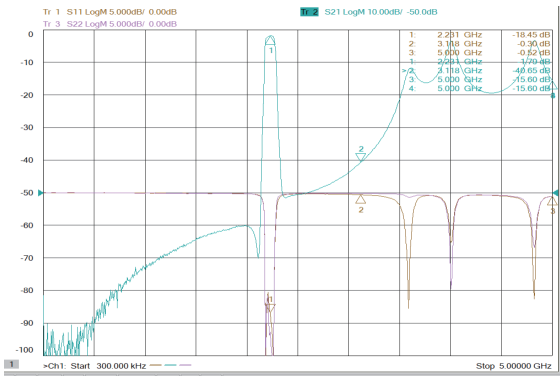
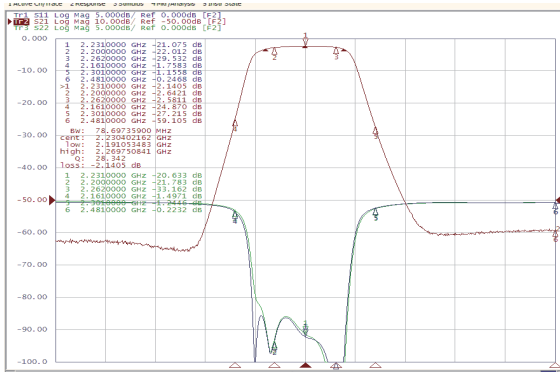


RBM2270-60-6CH

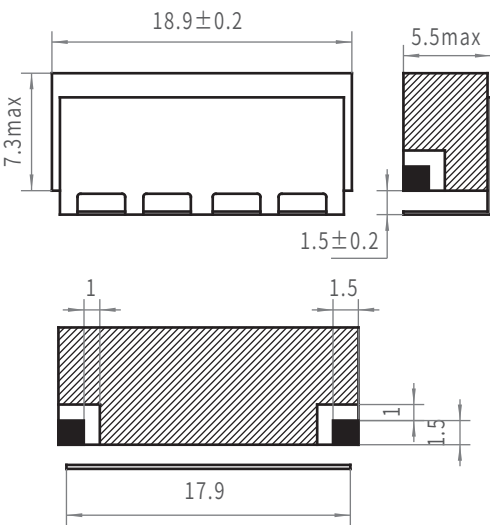
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM2270-60-6CH
Center Frequency	2270MHz
Bandwith (-1dB)	≥60MHz
Insertion Loss for Passband	≤3dB@F0±30MHz
Rejection	≥30dBc@F0-70MHz; ≥20dBc@F0+70MHz
VSWR	≤1.5@F0±30MHz
I/O impedance	50 Ω

► Electrical response

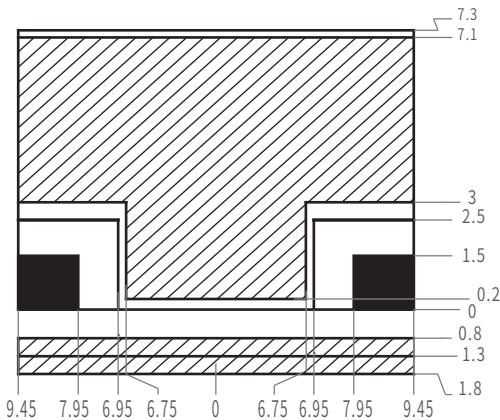


► Mechanical Drawing



 GROUND TOLERANCE: ±0.2
 I/O PORT Unit:mm

► PCB Layout



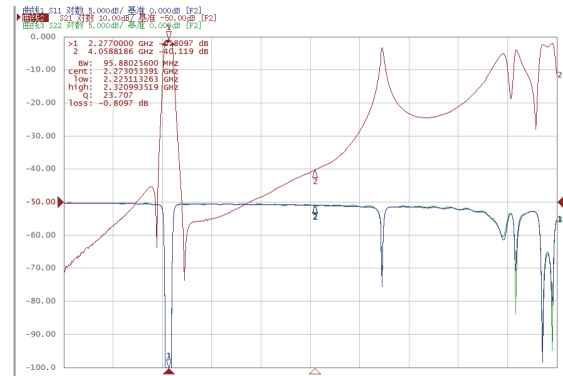
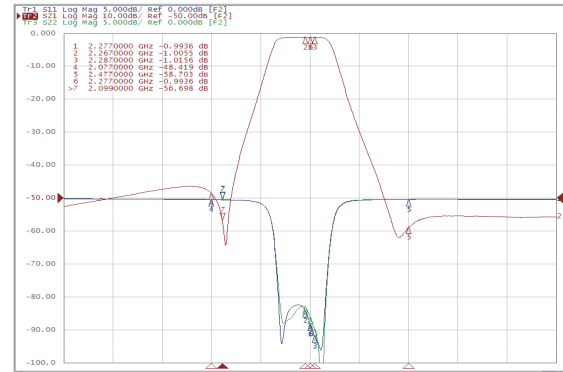
 GROUND
 I/O PORT

RBM2277-20-4CH

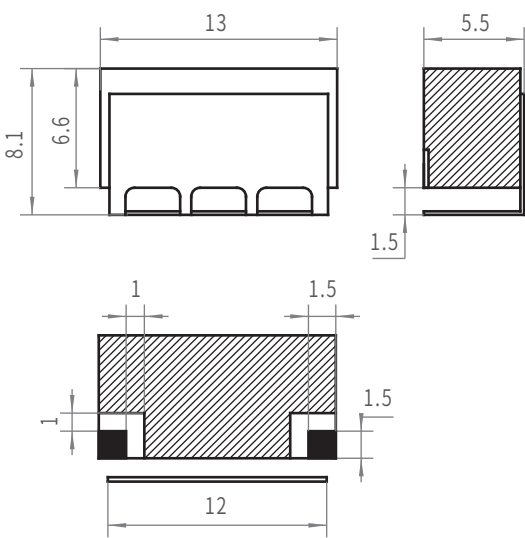
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM2277-20-4CH
Center Frequency	2277MHz
Bandwidth (-1dB)	≥20MHz
Insertion Loss for Passband	≤1.5dB@F0±10 MHz
Ripple	≤0.5dB
Rejection	≥40dBc@2099MHz; ≥40dBc@F0±200MHz;
VSWR	≤1.5@F0±10 MHz
Power	1W(CW) Low pressure
I/O impedance	50 Ω

► Electrical response

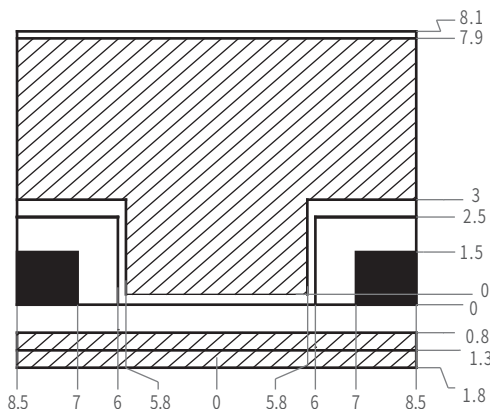


► Mechanical Drawing



 GROUND TOLERANCE: ±0.2
 I/O PORT Unit:mm

► PCB Layout



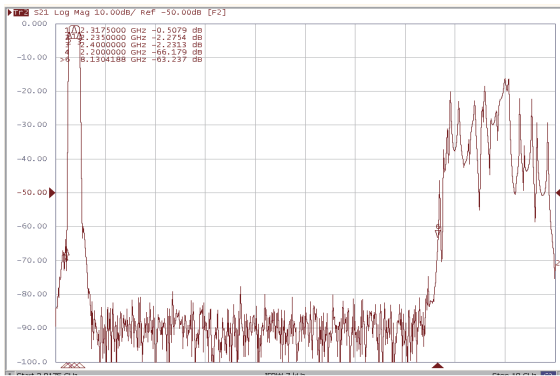
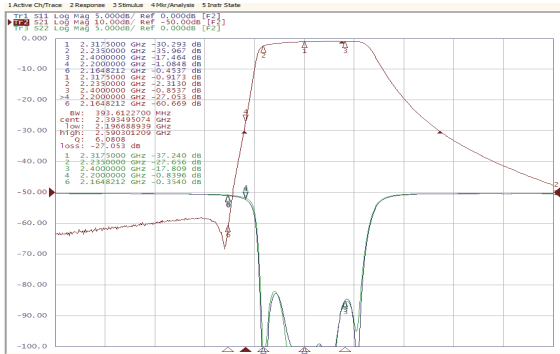
 GROUND
 I/O PORT

RBM2317.5-165-6CH

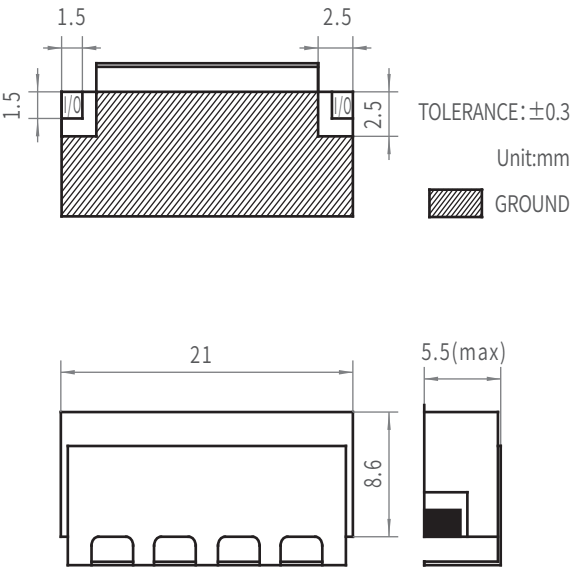
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM2317.5-165-6CH
Passband Frequency	2235 ~ 2400MHz
Insertion Loss for Passband	≤ 3.2dB
Rejection	≥ 25dB@2200MHz
VSWR	≤ 1.5
I/O impedance	50 Ω

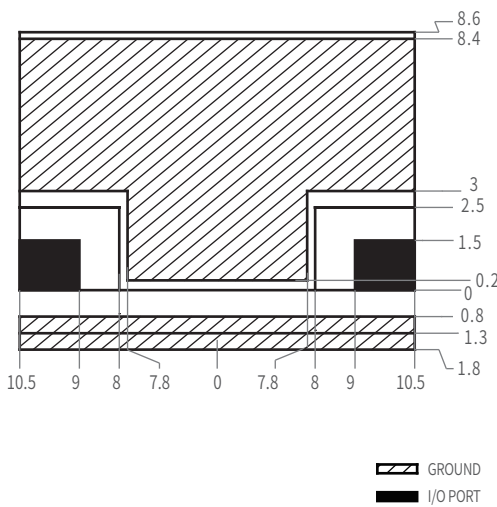
► Electrical response



► Mechanical Drawing



► PCB Layout

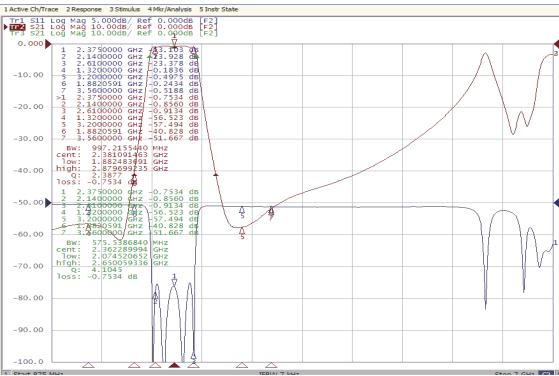
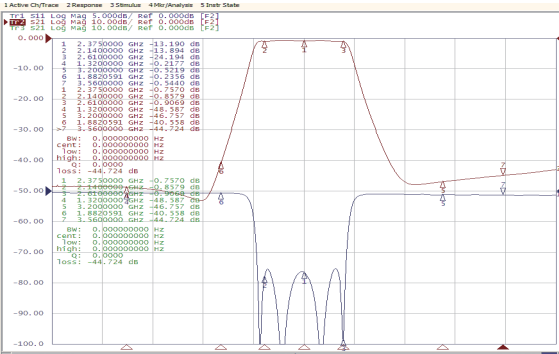


RBM2375-470-6CF

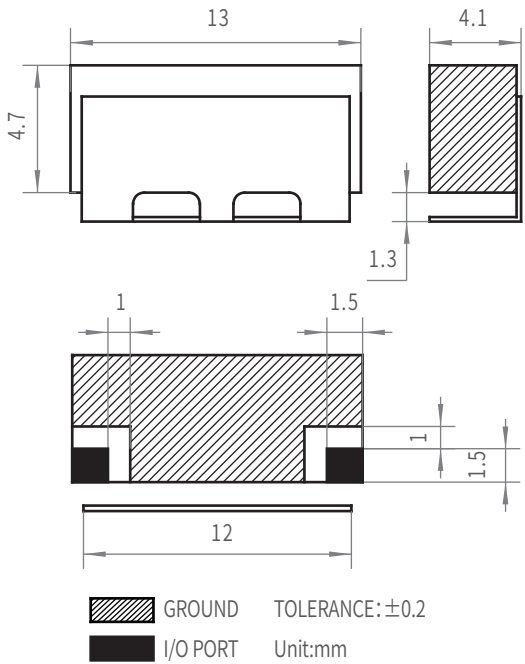
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM2375-470-6CF
Center Frequency	2375MHz
Bandwith (-1dB)	≥ 470MHz
Insertion Loss for Passband	≤ 2dB
Ripple	≤ ± 0.5dB
Rejection	≥ 40dBc@DC ~ 1320MHz; ≥ 40dBc@3200 ~ 3560MHz;
VSWR	≤ 1.5
I/O impedance	50 Ω

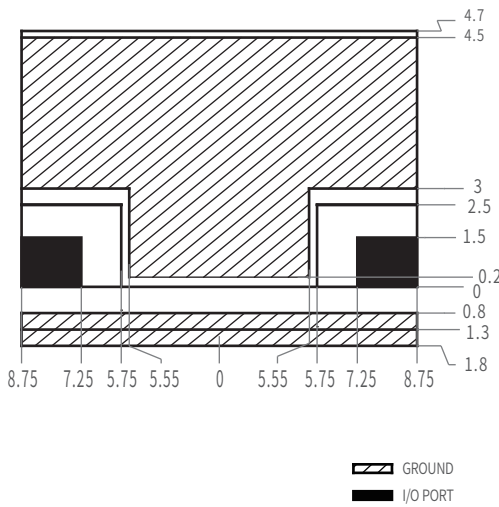
► Electrical response



► Mechanical Drawing



► PCB Layout

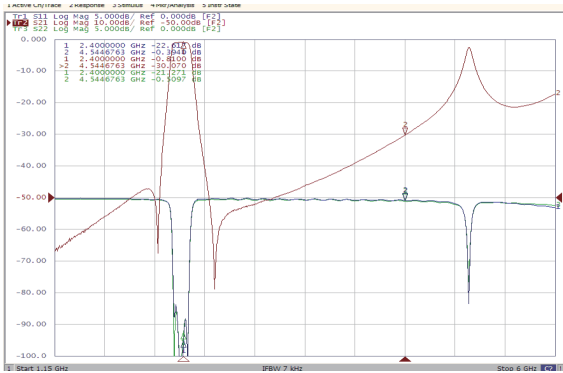
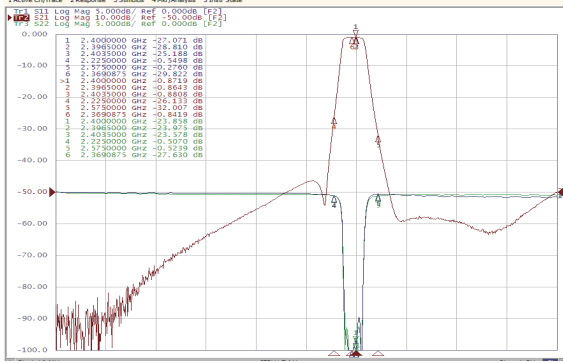


RBM2400-7-4CK

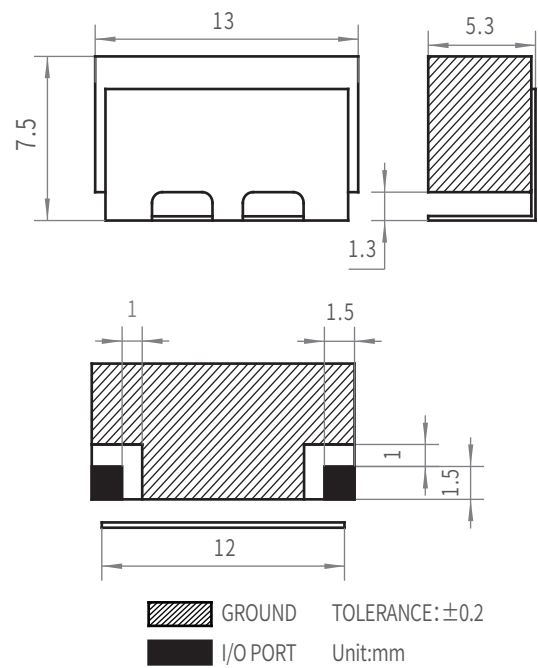
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM2400-7-4CK
Center Frequency	2400MHz
Bandwith (-1dB)	≥7MHz
Insertion Loss for Passband	≤1dB
Rejection	≥50dBc@F=400MHz; ≥20dBc@F0±175MHz
VSWR	≤1.5
I/O impedance	50 Ω

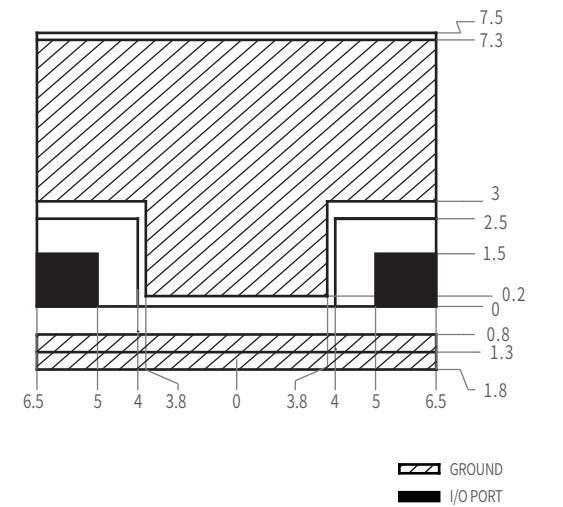
► Electrical response



► Mechanical Drawing



► PCB Layout

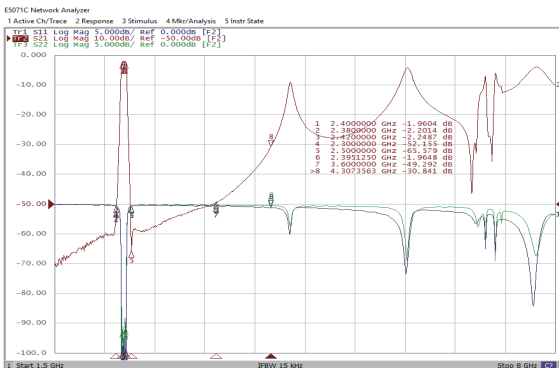
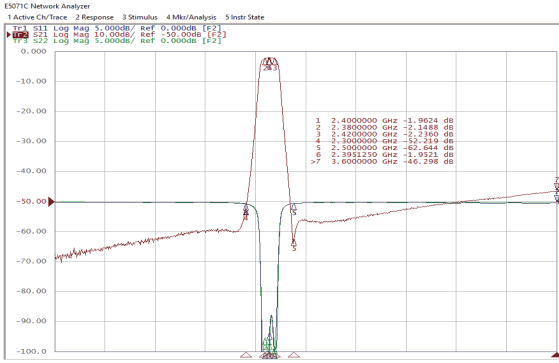


RBM2400-40-5CF

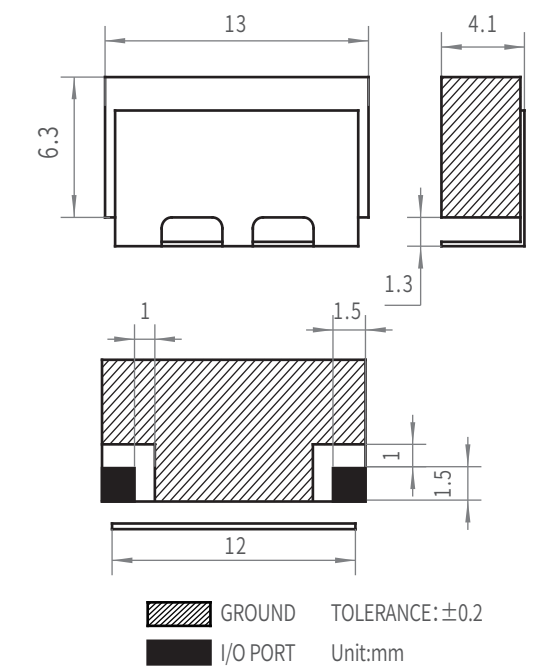
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM2400-40-5CF
Center Frequency	2400MHz
Bandwith (1dB)	≥40MHz
Insertion Loss for Passband	≤3.5dB
Ripple	≤±0.5dB
Rejection	≥45dB@DC~2300MHz; ≥45dB@2500~3600MHz;
VSWR	≤1.5
I/O impedance	50 Ω

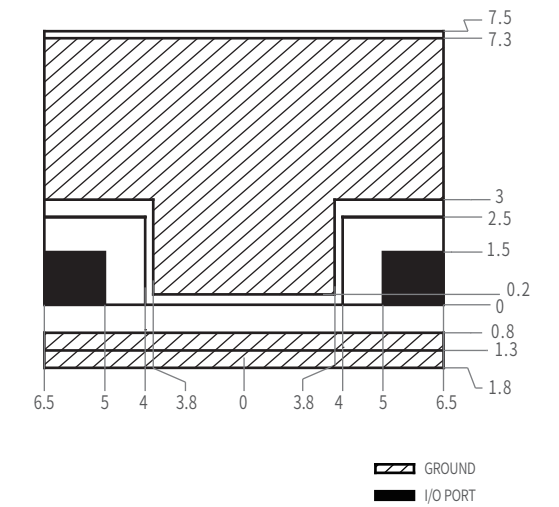
► Electrical response



► Mechanical Drawing



► PCB Layout

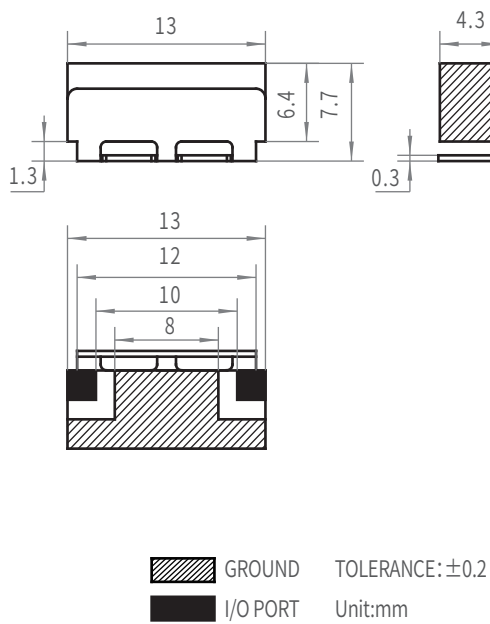


RBM2475-80-5CF

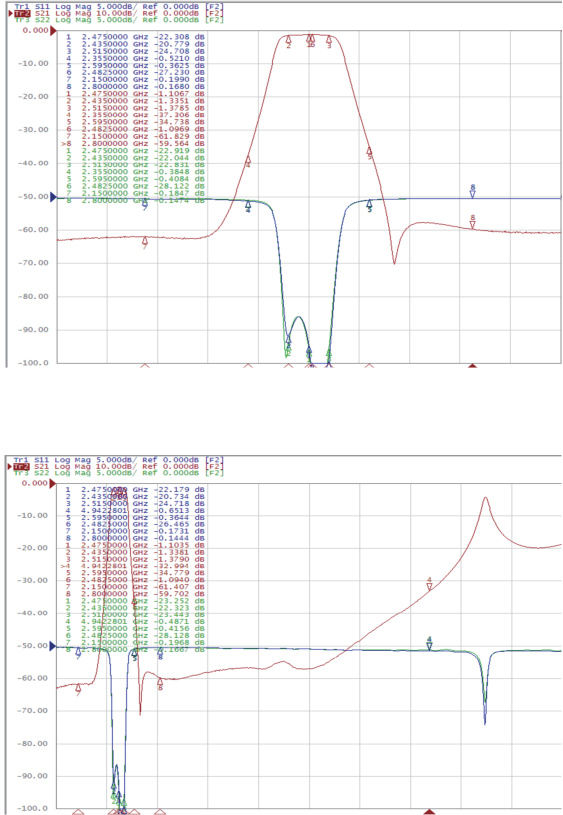
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM2475-80-5CF
Passband Frequency	2435MHz~2515MHz
Bandwith (1dB)	≥80MHz
Insertion Loss for Passband	≤3dB
Ripple	≤1dB
Rejection	≥30dBc@2355MHz; ≥50dBc@2595MHz ≥50dBc@2150MHz; ≥50dBc@2800MHz
VSWR	≤1.5
I/O impedance	50 Ω

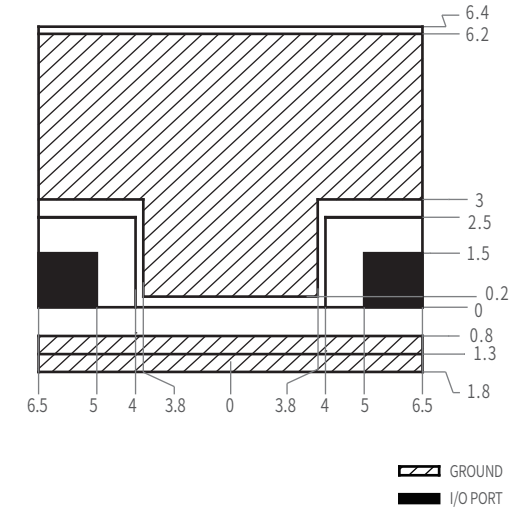
► Mechanical Drawing



► Electrical response



► PCB Layout

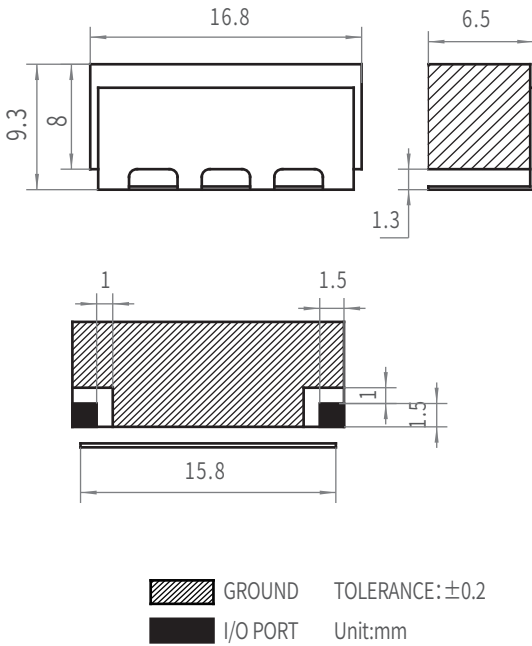


RBM2483-18-5LF-E

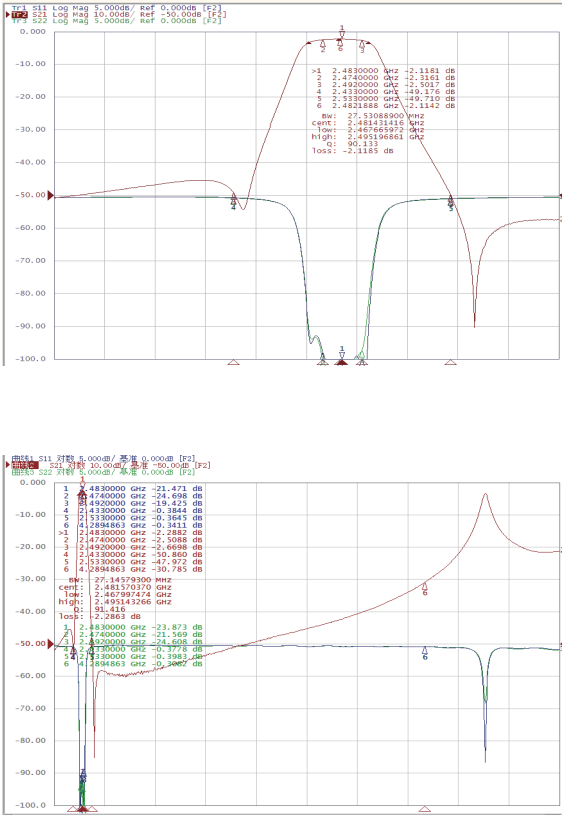
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM2483-18-5LF-E
Center Frequency	2483MHz
Bandwidth (-1dB)	≥8MHz
Insertion Loss for Passband	≤4.8dB
Rejection	≥45dB@F0 ± 50MHz
VSWR	≤1.4
I/O impedance	50 Ω

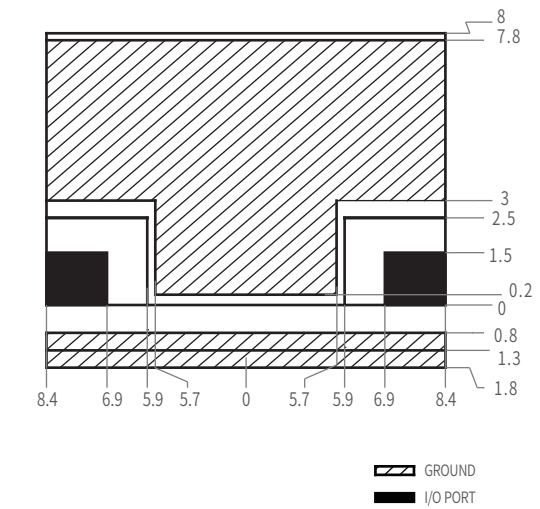
► Mechanical Drawing



► Electrical response



► PCB Layout

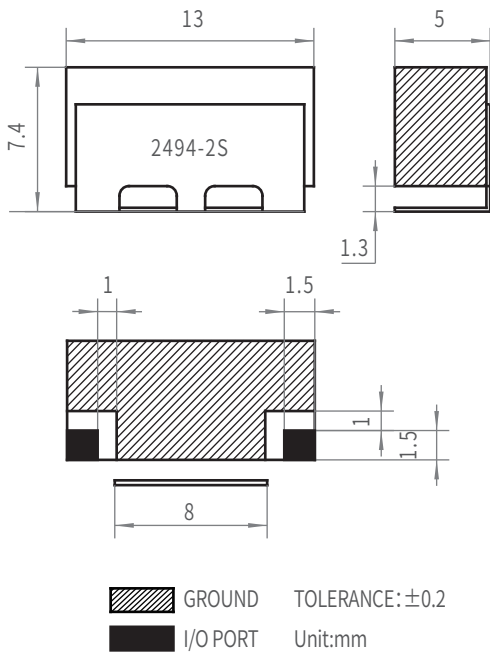


RBM2494-300-5CH-2S

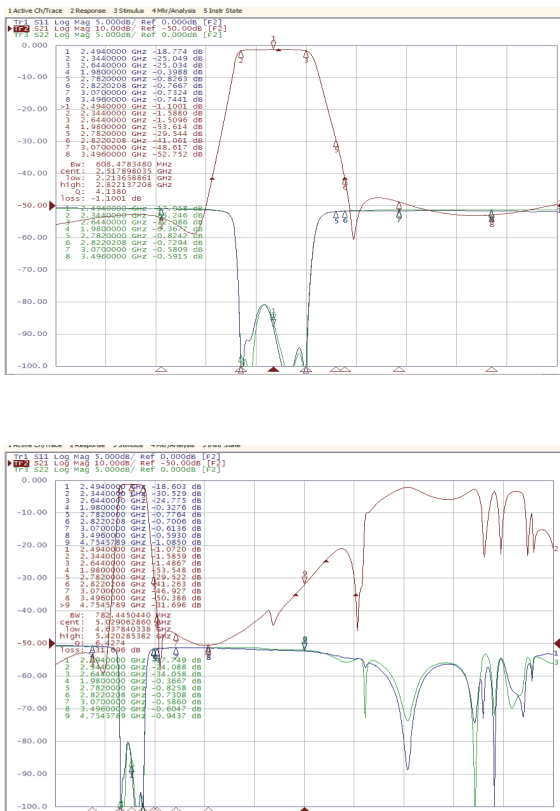
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM2494-300-5CH-2S
Center Frequency	2494MHz
Bandwith (1dB)	F0±150MHz
Insertion Loss for Passband	≤3.5dB
Ripple	≤1.0dB
Rejection	≥50dBc@DC~1980MHz; ≥25dBc@2782MHz ≥45dBc@3070MHz; ≥45dBc@3496~3796MHz
VSWR	≤1.5
Power	1W
I/O impedance	50Ω

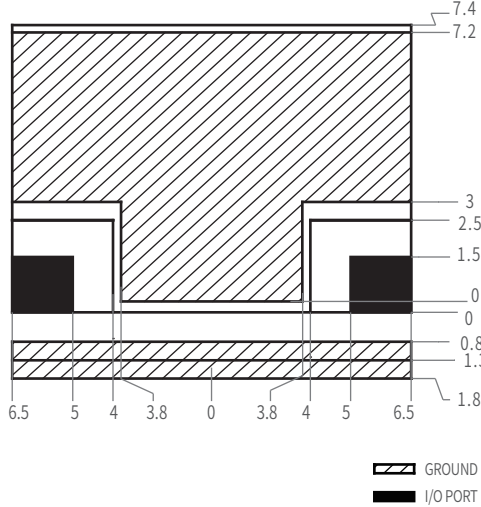
► Mechanical Drawing



► Electrical response



► PCB Layout

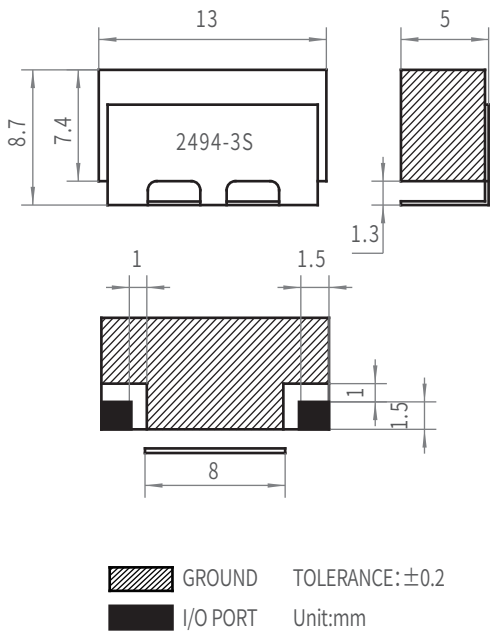


RBM2494-300-5CH-3S

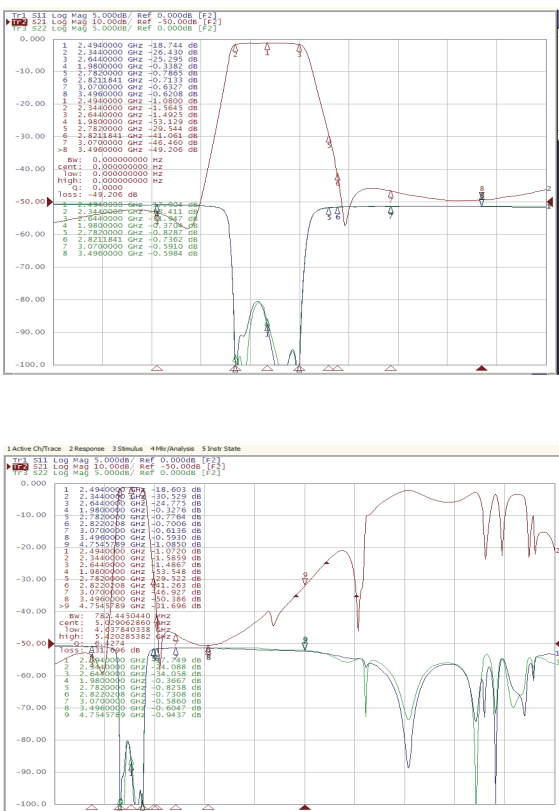
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM2494-300-5CH-3S
Center Frequency	2494MHz
Bandwidth (-1dB)	F0±150MHz
Insertion Loss for Passband	≤3.5dB
Ripple	≤1.0dB
Rejection	≥50dBc@DC~1980MHz; ≥25dBc@2782MHz ≥45dBc@3070MHz; ≥45dBc@3496~3796MHz
VSWR	≤1.5
Power	1W
I/O impedance	50Ω

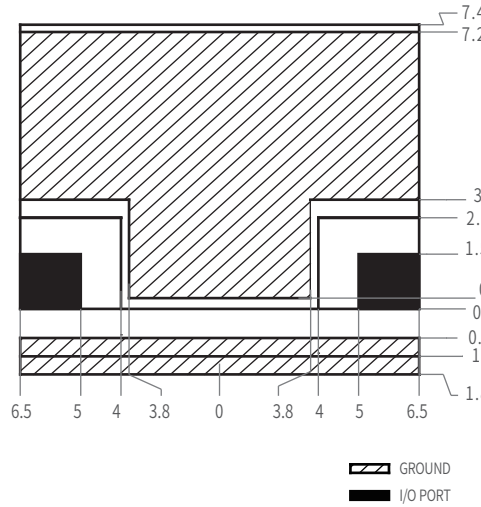
► Mechanical Drawing



► Electrical response



► PCB Layout

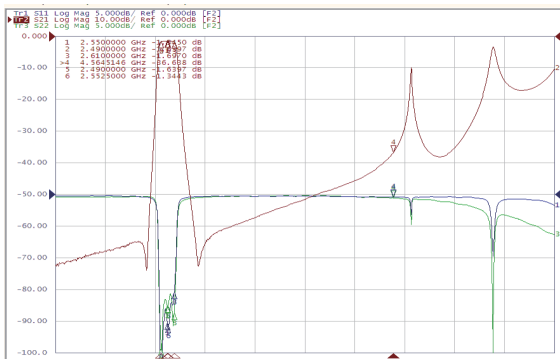
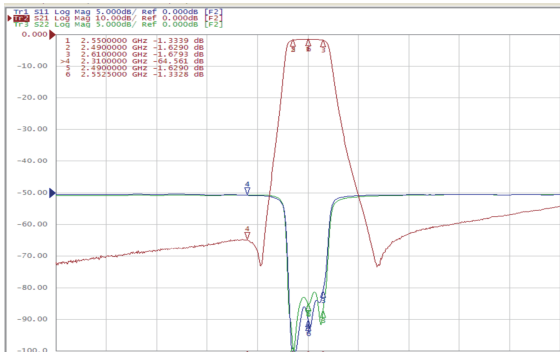


RBM2550-120-6CF

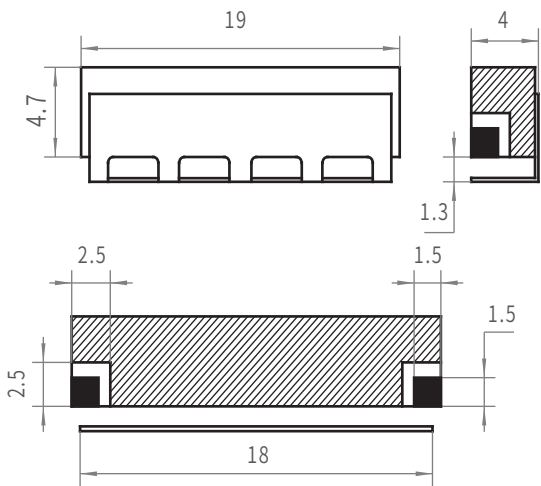
Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM2550-120-6CF
Center Frequency	2550MHz
Bandwith (1dB)	≥120MHz
Insertion Loss for Passband	≤4dB
Insertion consistency	≤0.8dB
Rejection	≥60dB@2310MHz
VSWR	≤1.5
I/O impedance	50Ω

Electrical response

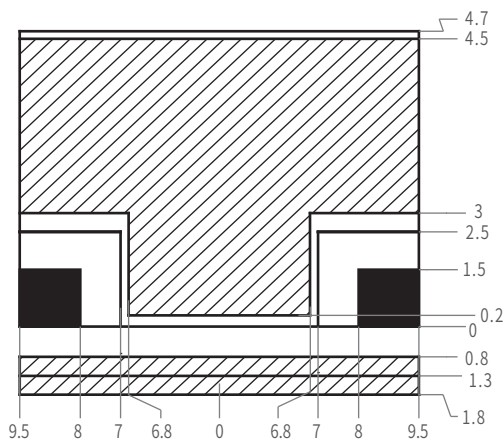


Mechanical Drawing



GROUND TOLERANCE: ±0.2
I/O PORT Unit:mm

PCB Layout



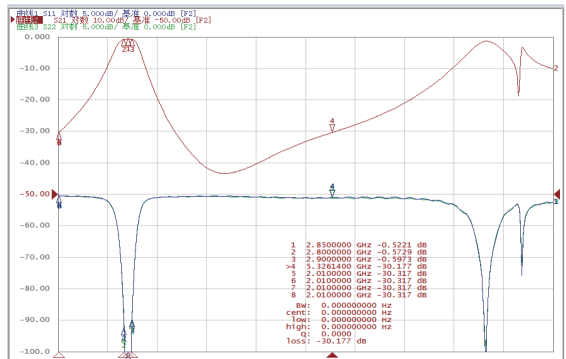
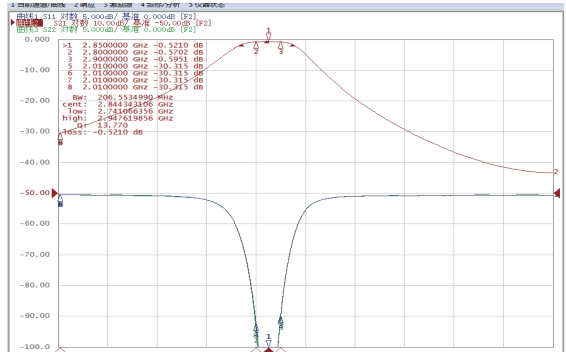
GROUND
I/O PORT

RBM2850-100-2CF

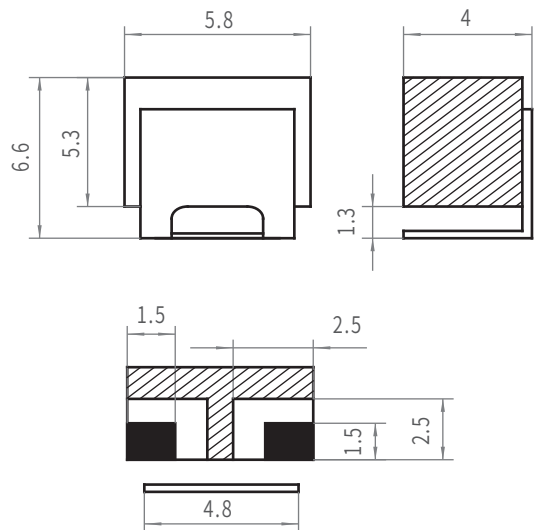
Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM2850-100-2CF
Passband Frequency	2800~2900MHz
Insertion Loss for Passband	≤0.6dB
Rejection	≥20dBc@2200~2300MHz; ≥30dBc@5600MHz;
VSWR	≤1.35
Power	10W
I/O impedance	50Ω

Electrical response

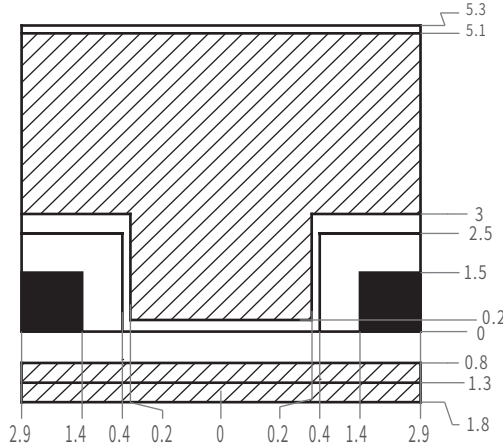


Mechanical Drawing



GROUND TOLERANCE: ±0.3
I/O PORT Unit:mm

PCB Layout



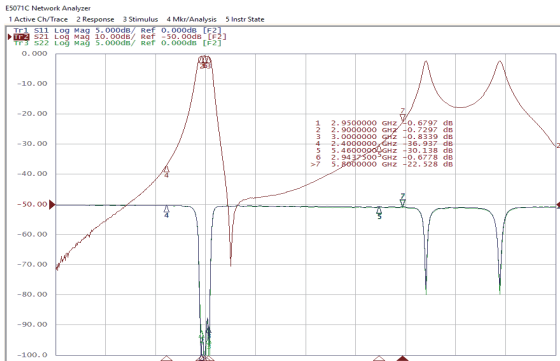
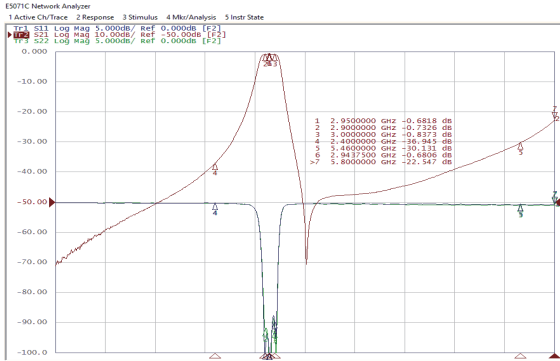
GROUND
I/O PORT

RBM2950-100-3CD

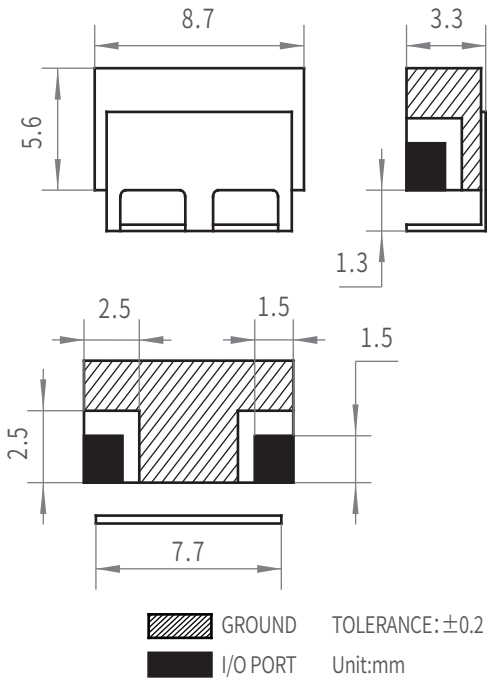
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM2950-100-3CD
Center Frequency	2950MHz
Bandwith (-1dB)	≥100MHz
Insertion Loss for Passband	≤1.5dB
Rejection	≥40dB@2400MHz; ≥30dB@5800MHz;
Group delay ripple	≤10ns
VSWR	≤1.5
I/O impedance	50Ω

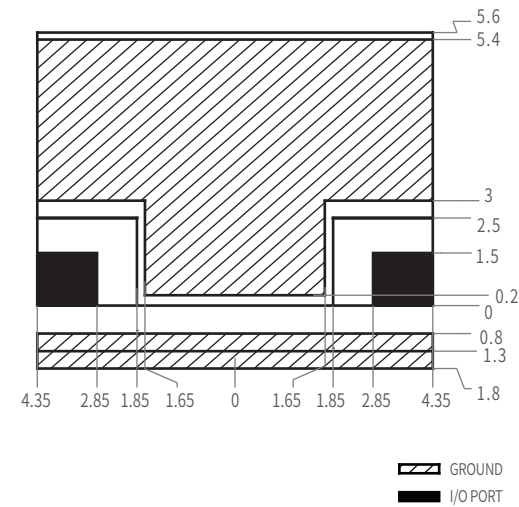
► Electrical response



► Mechanical Drawing



► PCB Layout

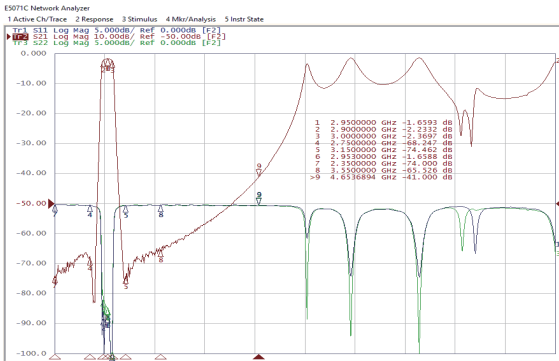
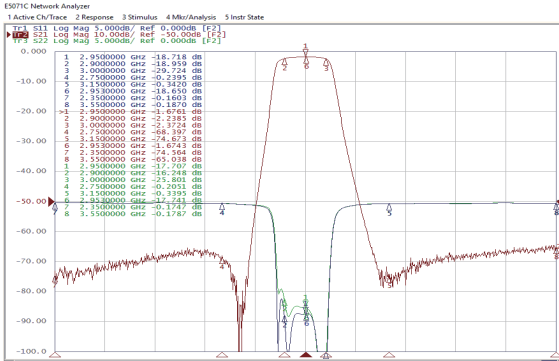


RBM2950-100-6CF

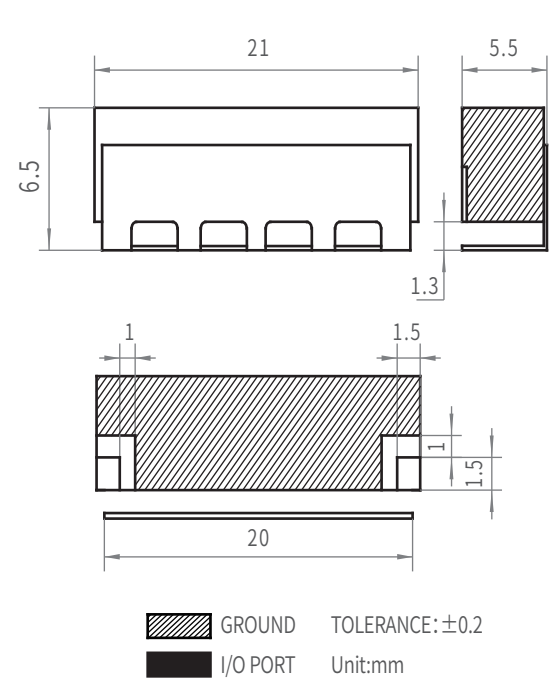
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM2950-100-6CF
Center Frequency	2950MHz
Bandwidth (-1dB)	≥100MHz
Insertion Loss for Passband	≤3.5dB
Rejection	≥60dBc@F0±200MHz; ≥60dBc@F0±300MHz; ≥60dBc@F0±400MHz; ≥60dBc@F0±600MHz
Group delay ripple	≤10ns
VSWR	≤1.5
I/O impedance	50Ω

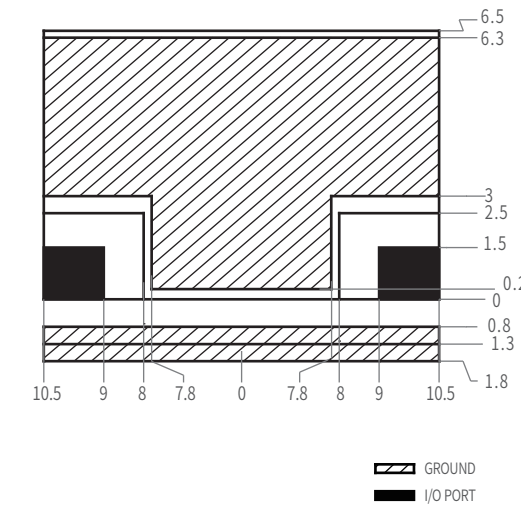
► Electrical response



► Mechanical Drawing



► PCB Layout

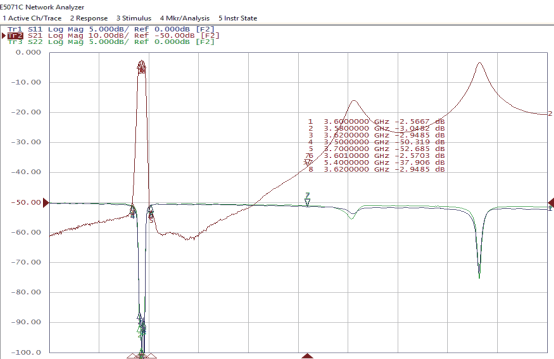
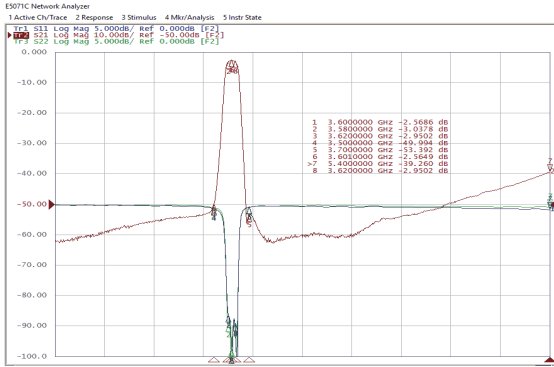


RBM3600-40-5CF

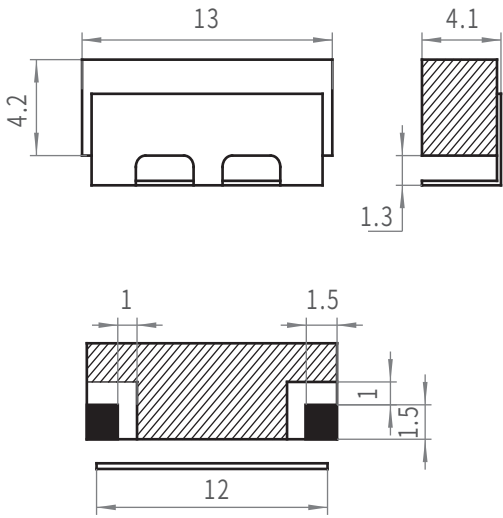
Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM3600-40-5CF
Center Frequency	3600MHz
Bandwith (1dB)	≥40MHz
Insertion Loss for Passband	≤5dB
Ripple	≤±0.5dB
Rejection	≥45dB@DC~3500MHz; ≥45dB@3700~5400MHz;
VSWR	≤1.5
I/O impedance	50Ω

Electrical response

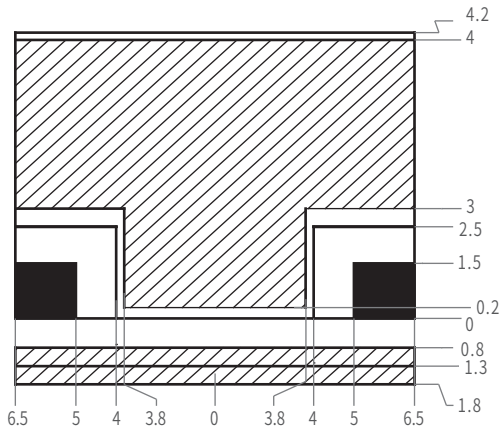


Mechanical Drawing



GROUND TOLERANCE: ±0.2
I/O PORT Unit:mm

PCB Layout



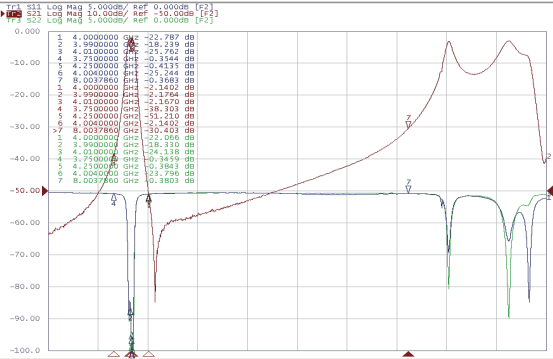
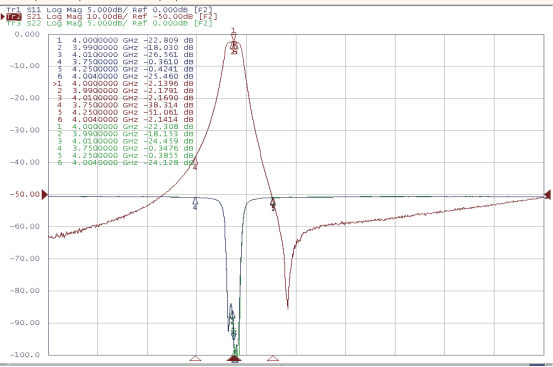
GROUND
I/O PORT

RBM4000-20/H-3CC

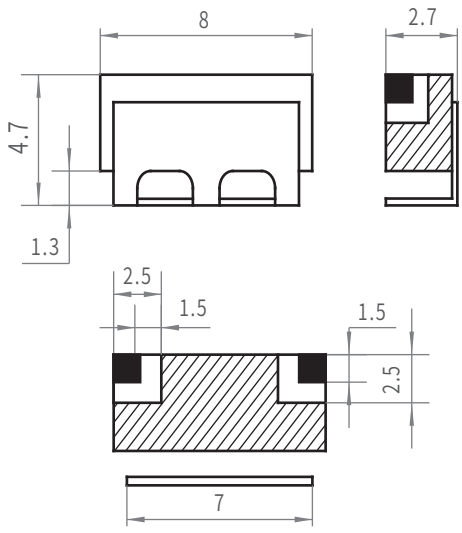
Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM4000-20/H-3CC
Passband Frequency (0.5dB)	3990~4010MHz
Insertion Loss for Passband	≤3.0dB
Ripple	≤0.5dB
Rejection	≥35dB@DC~3750MHz ≥40dBc@4250~6000MHz
VSWR	≤1.5
Power	2W
I/O impedance	50Ω

Electrical response

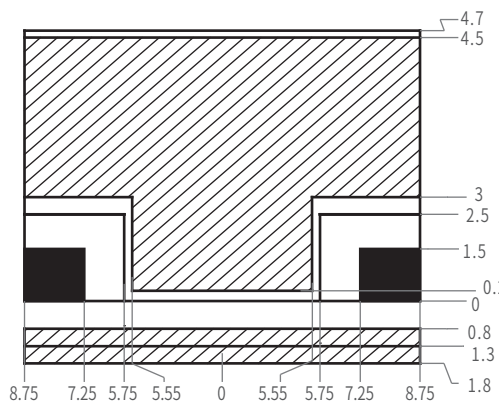


Mechanical Drawing



GROUND TOLERANCE: ±0.2
I/O PORT Unit:mm

PCB Layout



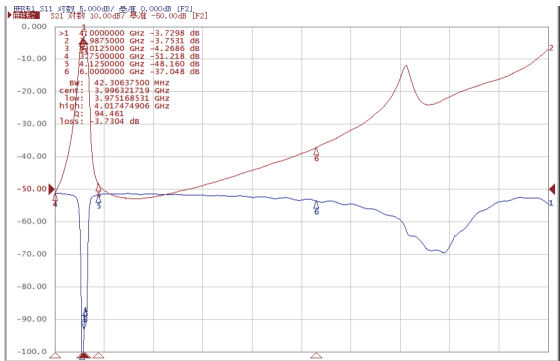
GROUND
I/O PORT

RBM4000-25 -4CD

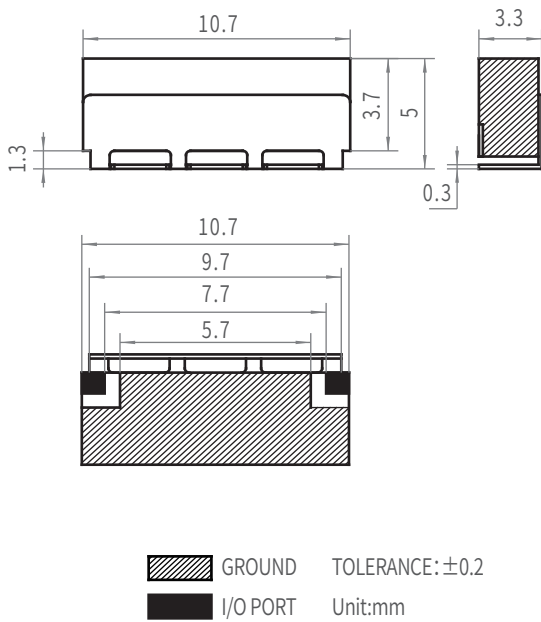
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM4000-25-4CD
Passband Frequency	3990MHz~4010MHz
Bandwith (1dB)	≥25MHz 120MHz ≥20dB
Insertion Loss for Passband	≤5dB
Rejection	≥40dB@DC~3750 MHz; ≥40dB@4125MHz ≥40dBc@4250~6000MHz
VSWR	≤1.5
I/O impedance	50Ω

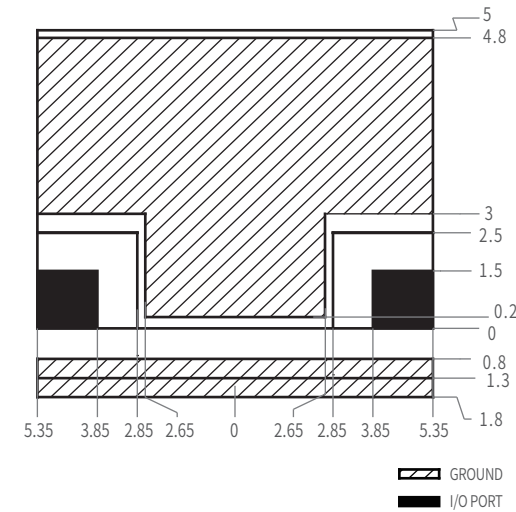
► Electrical response



► Mechanical Drawing



► PCB Layout

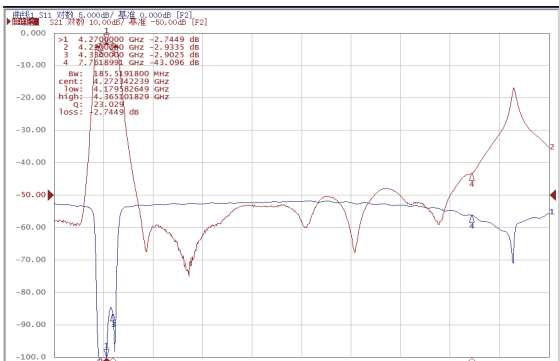
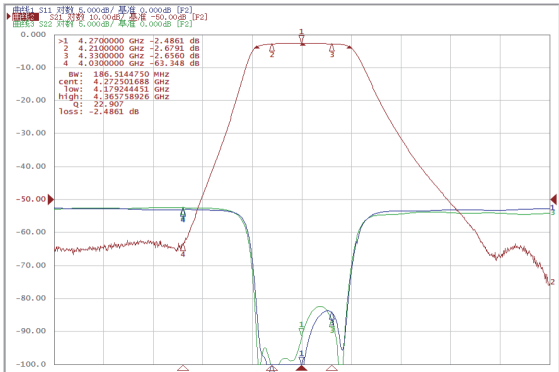


RBM4270-120-6CE

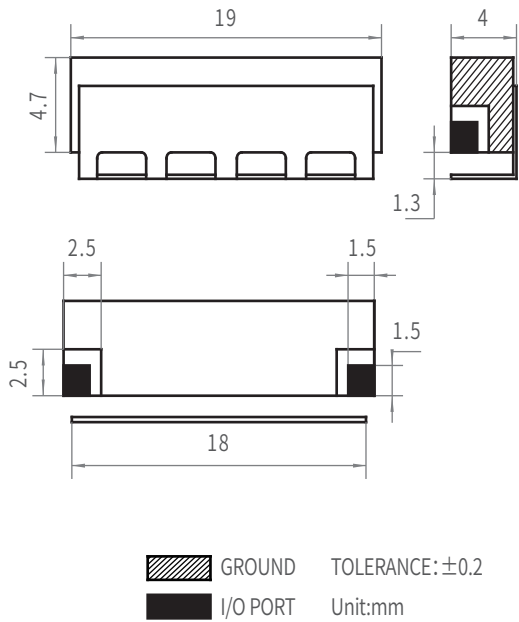
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM4270-120-6CE
Center Frequency	4270MHz
Bandwith (1dB)	≥120MHz
Insertion Loss for Passband	≤4dB
Rejection	≥60dB@4030MHz
VSWR	≤1.5
I/O impedance	50Ω

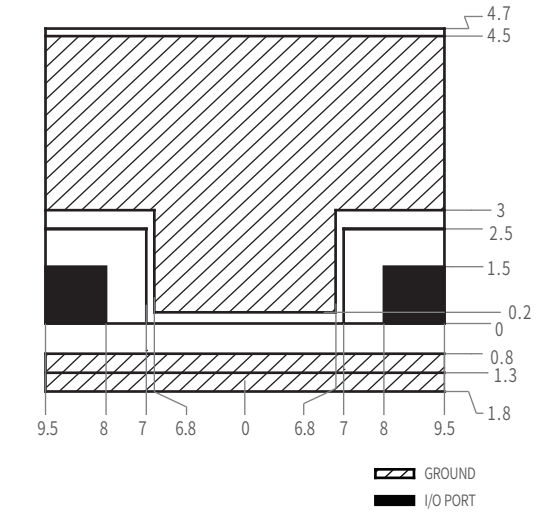
► Electrical response



► Mechanical Drawing



► PCB Layout

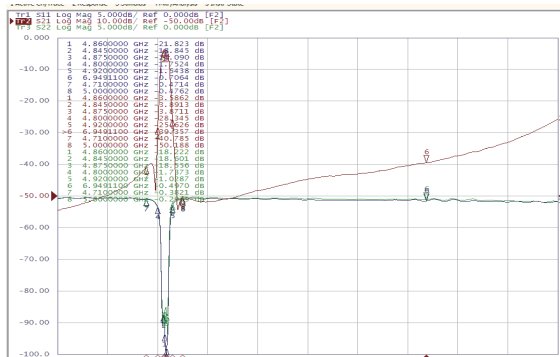
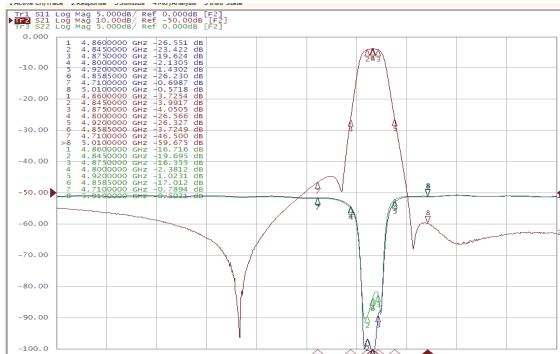


RBM4860-30-4CE

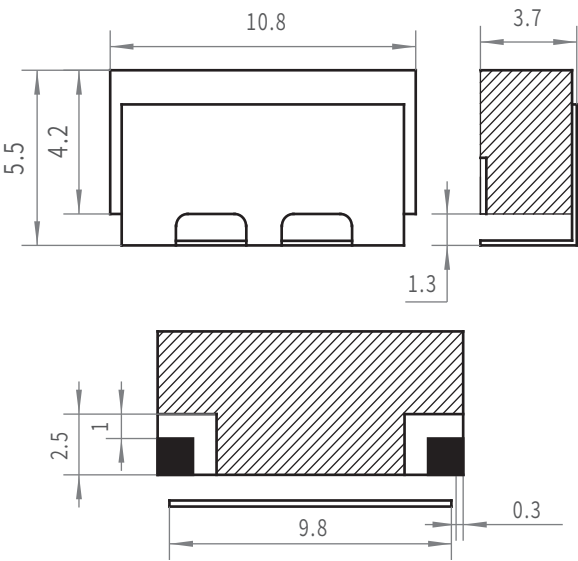
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM4860-30-4CE
Center Frequency	4860MHz
Bandwith (1dB)	≥30 MHz
Insertion Loss for Passband	≤6.5dB
Rejection	≥20dBc@4800MHz; ≥20dBc@4920MHz ≥45dB@4710MHz ≥45dB@5010MHz
VSWR	≤1.5
Power	无
I/O impedance	50 Ω

► Electrical response

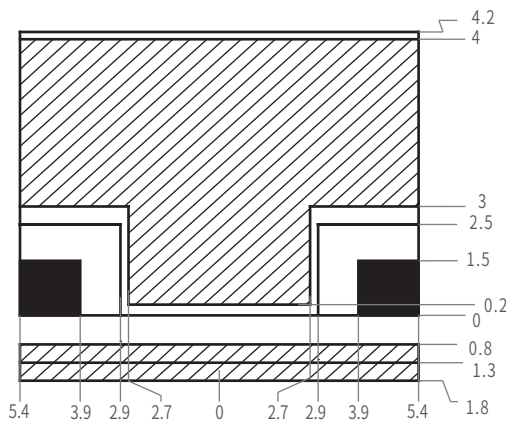


► Mechanical Drawing



 GROUND TOLERANCE: ±0.2
 I/O PORT Unit:mm

► PCB Layout



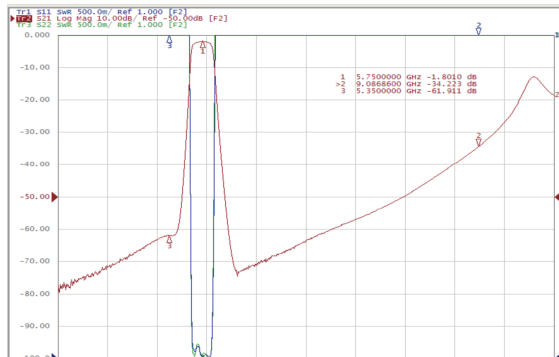
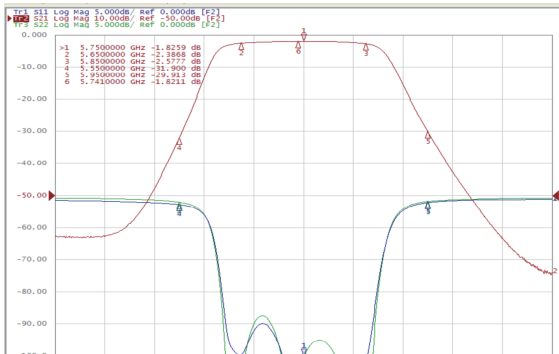
 GROUND
 I/O PORT

RBM5750-200-6CD

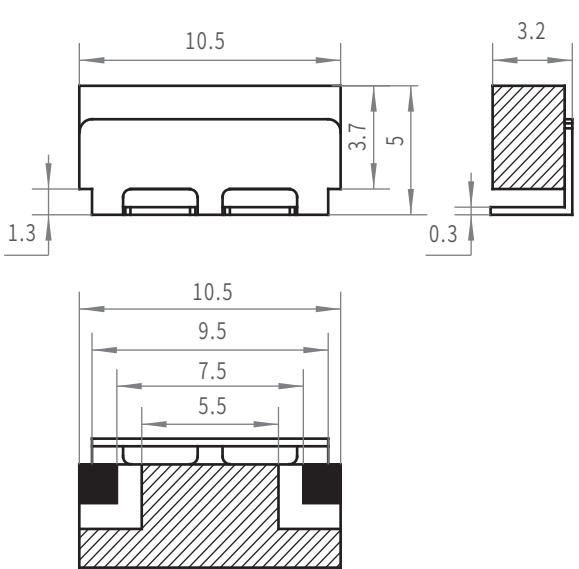
► Electrical Specifications

Item	Specification
Product type	Microwave filter
Product model	RBM5750-200-6CD
Center Frequency	5750MHz
Passband Frequency	5650MHz-5850MHz
Ripple	≤1dB
Insertion Loss for Passband	≤2dB
Rejection	≥25dBc@5550MHz ≥40dBc@5950MHz
VSWR	≤1.5

► Electrical response

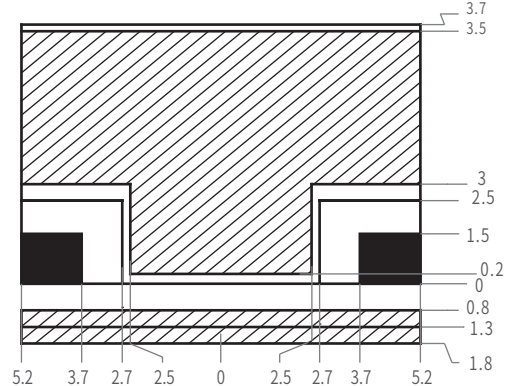


► Mechanical Drawing



 GROUND TOLERANCE: ±0.2
 I/O PORT Unit:mm

► PCB Layout

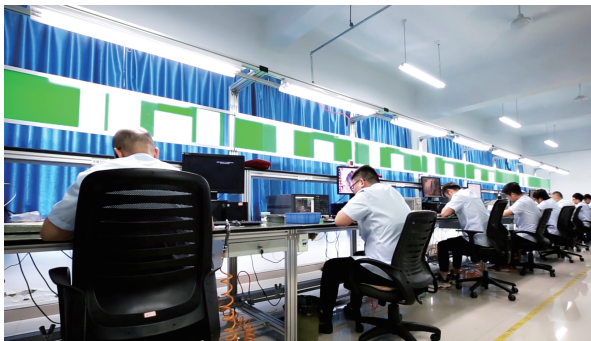


 GROUND
 I/O PORT

Manufacturing Department



Debugging Department



Since established, according to the clients' various solutions, our R&D team, which is composed of skillful and talent engineers on the base of client-oriented and pragmatic concept to collaborate with our clients, has been engineering thousands types of RF/Microwave components as their demand. Our team always promptly responses the clients' requirement, and proposes the optimized solutions to meet with the demand of projects. Yun Micro delivers not only RF passive components with delicate craft and precise technology but also with stable performance and long life-time for our clients utilizing in different applications.