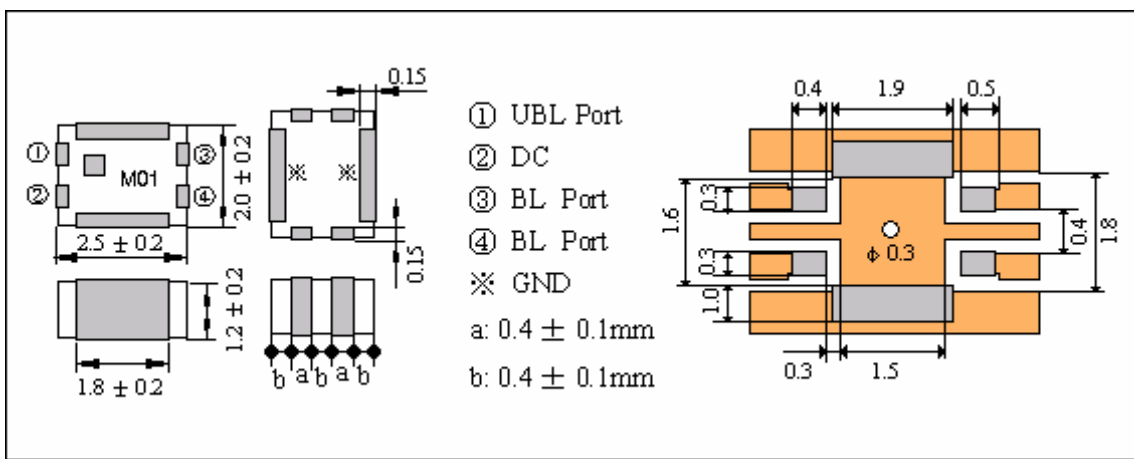


Multilayer Chip Balance Filter 叠层片式巴伦滤波器

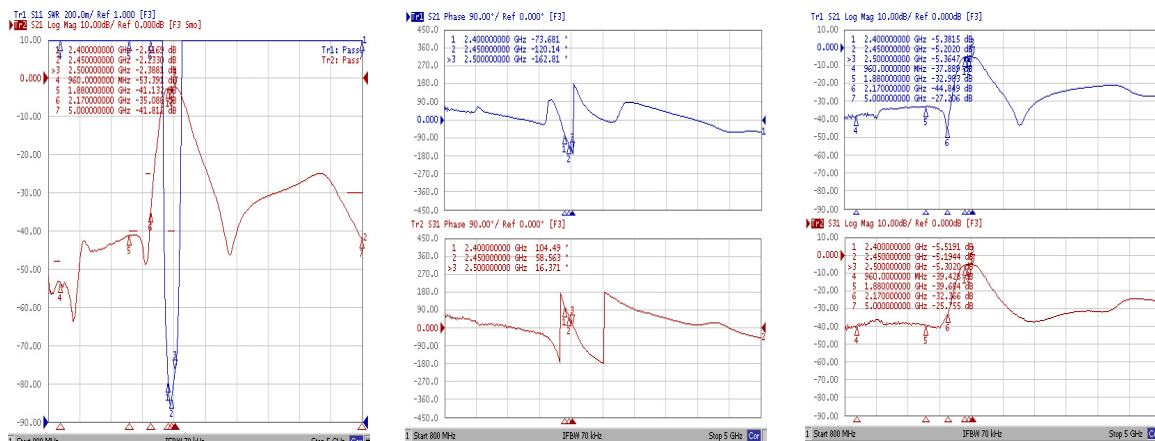
1. Dimensions 外形尺寸 (Unit: mm)



2. Electrical Characteristics 电气性能

No.	Item (项目)	Specifications (特性)
1	Unbalance Port Impedance 不平衡端阻抗	50Ω
2	Balance Port Impedance 平衡端阻抗	100Ω (50Ω+50Ω)
3	Center Frequency 中心频率 f_0	2450.0 MHz
4	Insertion Loss 插入损耗	≤ 3.0 dB (at 25°C \pm 5°C)
		≤ 3.3 dB (at -40°C~85°C)
5	Band Width 通带宽度	2400~2500 MHz
6	V.S.W.R at Unbalance Port (in BW)不平衡端驻波比	≤ 2.0 (2400~2500 MHz)
7	Attenuation 阻带衰减	≥ 48 (880~960 MHz)
		≥ 40 (1880~1990 MHz)
		≥ 30 (4900~5000 MHz)
8	Phase difference 相位差	180 \pm 5 Deg.

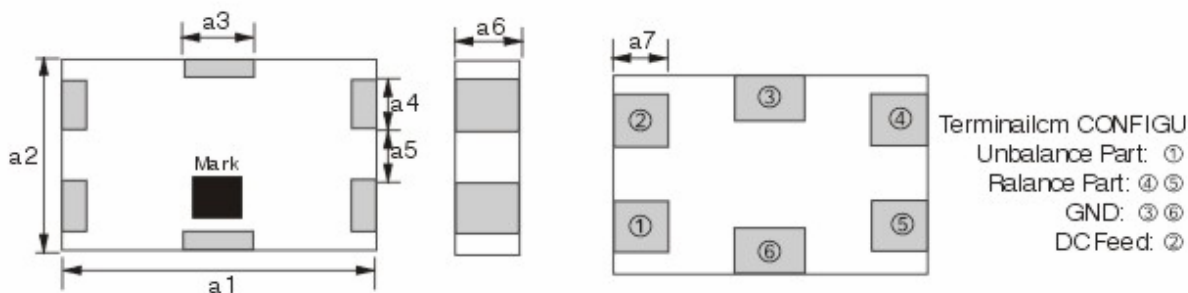
3. Characteristic curve 特性曲线



Part No. 产品型号: MBF22M2450H155-M12

Multilayer Chip Balance Filter 叠层片式巴伦滤波器

1. Dimensions 外形尺寸 (Unit: mm)

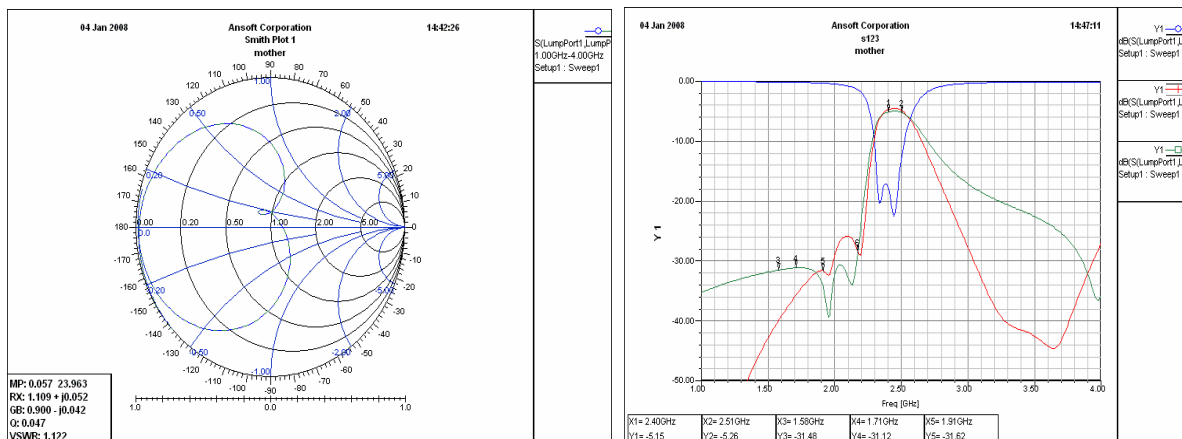


Type 型号	a1	a2	a3	a4	a5	a6	a7
M12	2.0±0.15	1.5±0.15	0.45±0.15	0.4±0.15	0.4±0.15	1.0±0.15	0.35±0.15

2. Electrical Characteristics 电气性能

No.	Item (项目)	Specifications (特性)
1	Unbalance Port Impedance 不平衡端阻抗	50Ω
2	Balance Port Impedance 平衡端阻抗	55+j50
3	Center Frequency 中心频率 fo	2450.0 MHz
4	Insertion Loss 插入损耗	≤2.3dB (at 25°C±5°C)
		≤2.8dB (at -40°C~85°C)
5	Band Width 通带宽度	2400~2500 MHz
6	V.S.W.R at Unbalance Port (in BW)不平衡端驻波比	≤2.0 (2400~2500 MHz)
7	Attenuation 阻带衰减	≥35 (DC~960 MHz)
		≥31 (1570~1990 MHz)
		≥26 (2110~2170 MHz)
		≥20 (4800~5000 MHz)
8	Phase difference 相位差	180±5 Deg.

3. Characteristic curve 特性曲线



Part No. 产品型号: MBF21M2450H132-M13

麦科电子(香港)有限公司 MICROWELL ELECTRON (HK) LIMITED

地址: 深圳市南山区海岸卡夫诺东座 2304

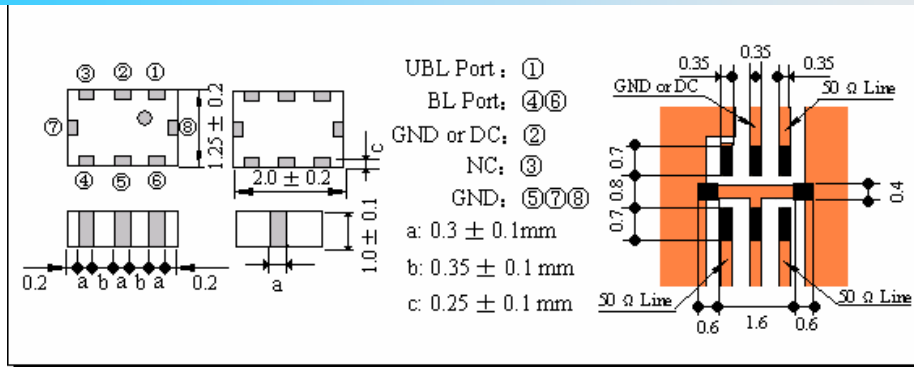
电话(Tel): 86-0755-86655041

传真(Fax): 86-0755-86655115

邮编(Postcode): 518110

Multilayer Chip Balance Filter 叠层片式巴伦滤波器

1. Dimensions 外形尺寸 (Unit: mm)



2. Electrical Characteristics 电气性能

No.	Item (项目)	Specifications (特性)
1	Unbalance Port Impedance 不平衡端阻抗	50Ω
2	Balance Port Impedance 平衡端阻抗	Conjugate to BC3,BC4,BC6
3	Center Frequency 中心频率 f_0	2450.0 MHz
4	Insertion Loss 插入衰耗	≤ 3.5 dB (at 25°C±5°C)
		≤ 3.8 dB (at -40°C~85°C)
5	Band Width 通带宽度	2400~2500 MHz
6	V.S.W.R	≤ 2.0 (2400~2500 MHz)
7	Attenuation 阻带衰耗	≥ 35 (880~960 MHz)
		≥ 20 (1710~1990 MHz)
		≥ 12 (1990~2170 MHz)
		≥ 20 (4800~5000 MHz)
8	Phase difference 相位差	180±10 Deg.

3. Characteristic curve 特性曲线

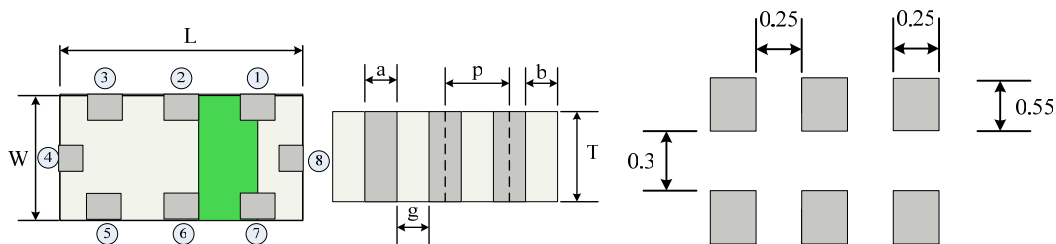


Multilayer Chip Balance Filter 叠层片式巴伦滤波器

Part No. 产品型号: MBF21M2450H132-M18

1. Dimensions 外形尺寸 (Unit: mm)

① Unbalance Port ④⑧ GND ② GND or DC feed ⑤⑦ Balance Port ③ NC



Dimensions and Land Pattern

Mark	W	L	T	a	b	g	p
Dimensions(mm)	0.8±0.1	1.6±0.1	0.6±0.1	0.2±0.1	0.2±0.1	0.3±0.1	0.5±0.1

2. Electrical Characteristics 电气性能

No.	Item (项目)	Specifications (特性)
1	Unbalance Port Impedance	50Ω
2	Balance Port Impedance	Conjugate to MT6616
3	Center Frequency 中心频率 fo	2450.0 MHz
4	Insertion Loss 插入损耗	≤3.5dB (at 25°C±5°C)
		≤3.8dB (at -40°C~85°C)
5	Band Width 通带宽度	2400~2500 MHz
6	V.S.W.R at Unbalance Port (in BW) 不平衡端驻波比	≤2.0 (2400~2500 MHz)
7	Attenuation 阻带衰减	≥30 (880~960 MHz)
		≥25 (1710~1990 MHz)
		≥35 (4800~5000 MHz)
8	Phase difference 相位差	180±10 Deg.

3. Characteristic curve 特性曲线

