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GUANGSHUN ELECTRONICS ISOLATORS & CIRCULATORS



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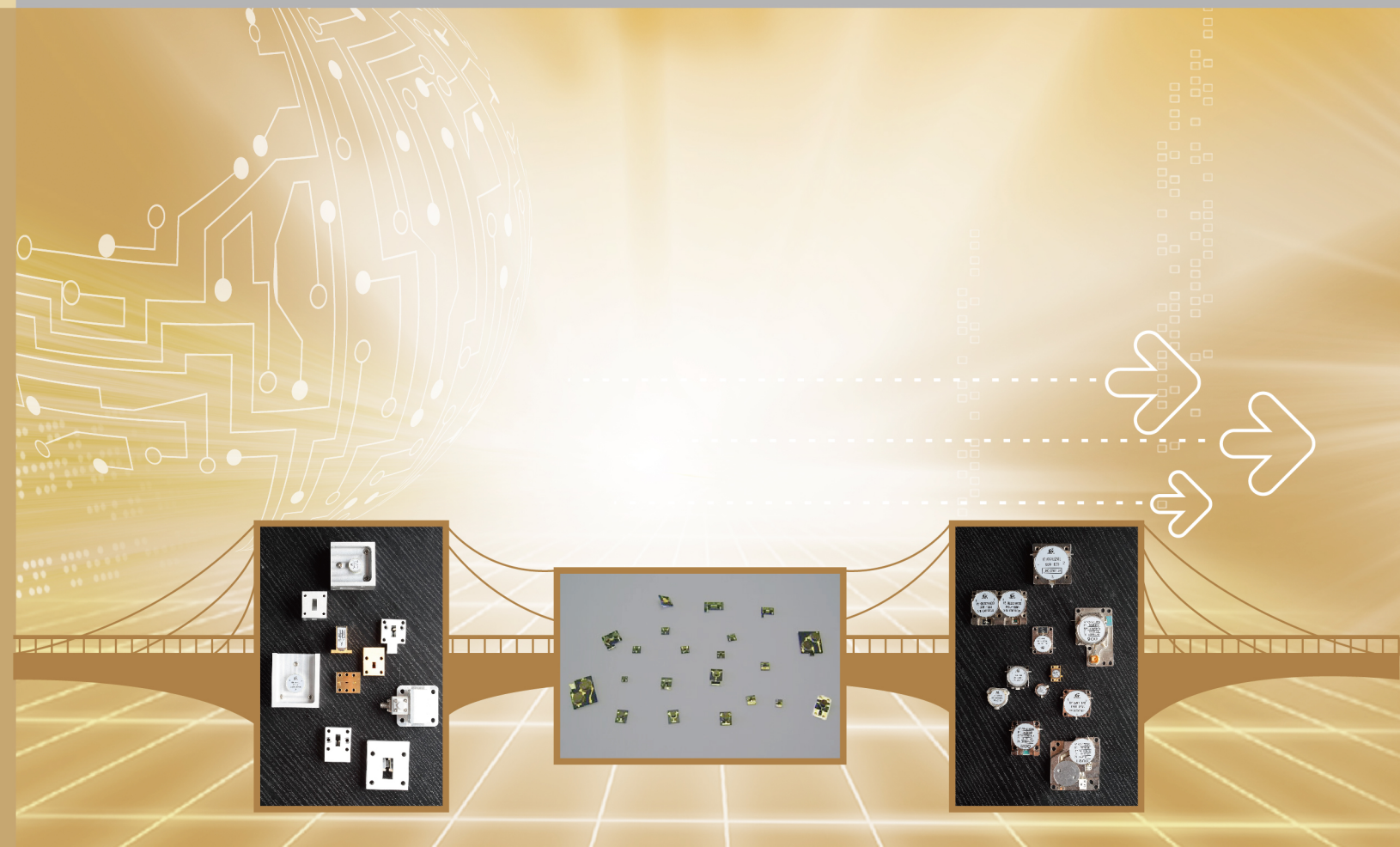
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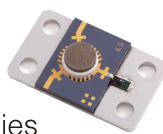
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关于我们

ABOUT US

南京广顺电子技术研究所是专业研制、开发、生产微波、毫米波铁氧体器件——射频隔离器、环行器的高新技术企业。广顺电子成立于1993年，产品自主研制开发技术力量雄厚，产品广泛运用于电子对抗、遥感、遥测、雷达、通讯等领域。广顺电子已成为国内最大的集科研、开发、生产铁氧体隔离器、环行器的企业，研制生产的产品频率覆盖100MHz至100GHz，具有体积小、技术指标及可靠性高的特点，深受用户的欢迎。

广顺电子已经获得国防科工局《武器装备科研生产许可证》，中国人民解放军总装备部《装备承制单位注册证书》，《三级保密单位证书》，“广顺”商标已获得《江苏著名商标》《南京市著名商标》荣誉称号，产品均通过省级鉴定，并荣获“高新技术企业”，国家经贸委颁发的“国家重点新产品”等证书。并被南京市科技局及省科技厅评为“江苏省高新技术企业”。

GuangShun Electronic Technology Research Institute(GSET) is a high-technology enterprise, which specializes in developing and producing microwave and millimeter wave ferrite components including radio frequency isolators and circulators. GSET was established in 1993 and our products are widely used in electronic countermeasures, remote sensing, telemetry, radar and communications. We provide the leadership in the design, development, and manufacture of microwave ferrite components covering frequencies from 100MHz to 100GHz. Our products are desirable to customers for their small size, modern technological design, high performance and superior quality. GSET has received provincial level approvals as “Nanjing High-tech Products” and “Jiangsu Province Outstanding New Products” and certificate issued by National Commercial Committee as “National Key New Product”. GSET has been evaluated as “Jiangsu high-tech enterprise” by Nanjing Bureau of Science and Technology and Jiangsu Department of Science and Technology.

企业理念

COMPANY PRINCIPLE

质量方针：

○ 提供质量意识 ○ 争创广顺精品 ○ 追求顾客满意 ○ 持续改进创新

环境方针：

○ 关注环境保护 ○ 恪守各项法规 ○ 致力防污节能 ○ 追求改进提高

服务宗旨：

○ 诚信为本，持续地向客户提供满意的产品和服务

Quality Policy

Raising quality consciousness, Striving for competitive products, Seeking customer satisfaction, Keeping improving and innovating

Environment Policy

Concerning environment protection, Complying with laws, Striving for pollution control and energy-saving, Pursuing improvement

Service Objective

Honoring credibility, Providing excellent products and services to customers



客户服务 CUSTOMER SERVICE

广顺电子对客户问题的反馈时间不超过24小时，我们最短货架产品供货周期为7天，新品研发速度快周期短。多年来，广顺电子始终致力于为客户提供最好的产品解决方案，在我们的努力下，广顺电子已经和300多家公司建立了良好合作关系。我们的市场已覆盖亚太、美国、英国、意大利、芬兰等多个国家和地区。在未来，广顺电子将为客户持续提供最便捷、优质的服务，广顺电子期待与更多优秀企业共同发展提高。

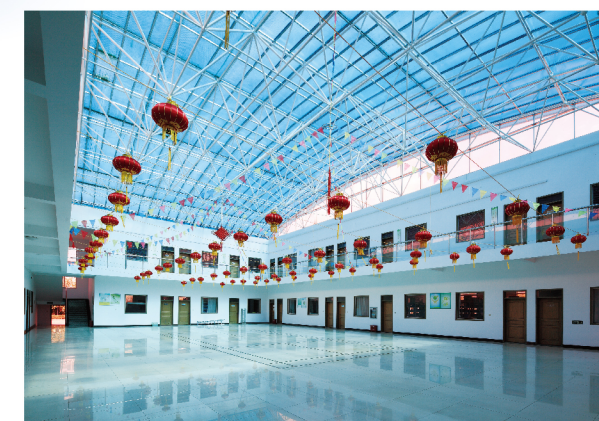
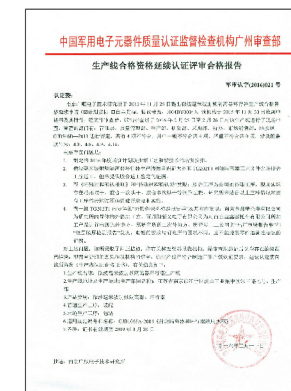
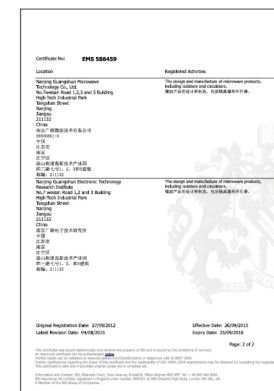
We can ensure first response from sales or customer service within 24 hours. Any existing, standard design can be delivered in bulk within 7 work days. Samples with new design can be ready to ship in the shortest time. GSET has established long-term relationships through consistency of service with over 300 enterprises. We are recognized as a global support provider and our market has covered the Asia-pacific region, North America, UK, Italy, Finland, Germany, etc. Currently, GSET is the largest enterprise in P.R.China, combining scientific research, development and production of ferrite isolators and circulators for microwave applications.



质量保证 QUALITY ASSURANCE

广顺电子的首要目标是最大限度满足客户在设计、质量、交付、价格和产品技术支持方面的要求，并为此坚持不懈地改进管理体制和优化生产流程。广顺电子已建立健全完善的质量管理和保证体系。目前，广顺电子已经通过武器装备质量体系认证（GJB9001B:2009），质量管理体系认证GB/T19001—2008(ISO9001:2008)和环境管理体系认证GB/T24001—2004(ISO14001:2004)。建立了总装备部计划“微波毫米波射频隔离器环形器”贯标线。

GSET's goal is to achieve maximum customer satisfaction in the design, quality, delivery, price and technical support of our products. We focus on these main goals and constantly strive to improve our management system and manufacturing processes each and every day. GSET is an approved supplier into the military systems market. These unique applications demand a professional quality management system. GSET is approved to numerous systems of quality and environment certification including GJB9001B:2009, GB/T19001—2008(ISO9001:2008) and GB/T24001—2004(ISO14001:2004).



同轴系列 Coaxial Series

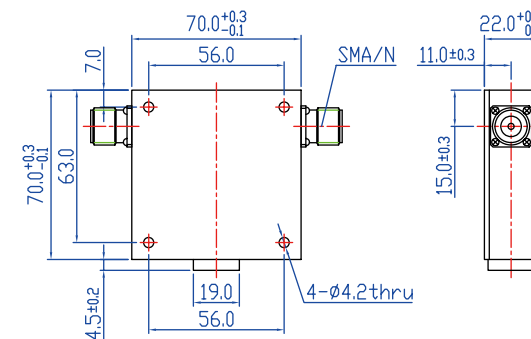
Outline Drawing 外形图	Part Number 产品型号	Frequency Range (GHz) 适用频率	Relative Bandwidth 相对带宽	Insertion Loss (dB Max) 正向损耗	Isolation (dB Min) 反向隔离	VSWR (Max) 驻波系数	Operating Temperature (°C) 工作温度	Load Power (W) 负载功率	Connector Type 连接方式
A01	TG0101A	0.14-0.24	5%	0.6	18	1.3	0 ~ +60	10	SMA/N
A02	TG0101A-B	0.14-0.24	5%	0.6	18	1.3	0 ~ +60	100	SMA/N
A03	TH0101A	0.14-0.24	5%	0.6	18	1.3	0 ~ +60	/	SMA/N
A04	TG0101	0.20-0.30	10%	0.5	18	1.3	0 ~ +60	10	SMA/N
A05	TG0101B	0.20-0.30	10%	0.5	18	1.3	0 ~ +60	100	SMA/N
A06	TH0101	0.20-0.30	10%	0.5	18	1.3	0 ~ +60	/	SMA/N
A07	TG0301A	0.25-0.45	10%	0.4	20	1.25	-15 ~ +60	10	SMA/N
A08	TG0301B	0.25-0.45	10%	0.4	20	1.25	-15 ~ +60	100	SMA/N
A09	TH0301A	0.25-0.45	10%	0.4	20	1.25	-15 ~ +60	/	SMA/N
A10	TG0401A	0.4-0.6	10%	0.4	20	1.25	-15 ~ +60	10	SMA/N
A11	TG0401B	0.4-0.6	10%	0.4	20	1.25	-15 ~ +60	100	SMA/N
A12	TH0401A	0.4-0.6	10%	0.4	20	1.25	-15 ~ +60	/	SMA/N
A13	TG0701	0.5-1.0	10%	0.4	23	1.2	-30 ~ +70	10	SMA/N
A14	TG0701B	0.5-1.0	10%	0.4	23	1.2	-30 ~ +70	100	SMA/N
A15	TH0701	0.5-1.0	10%	0.4	23	1.2	-30 ~ +70	/	SMA/N
A16	TG101	0.8-1.4	10%	0.3	23	1.2	-40 ~ +85	10	SMA/N
A17	TG101B	0.8-1.4	10%	0.3	23	1.2	-40 ~ +85	100	SMA/N
A18	TH101	0.8-1.4	10%	0.3	23	1.2	-40 ~ +85	/	SMA/N
A19	TG101A	1.2-2.5	10%	0.3	23	1.2	-40 ~ +85	10	SMA/N
A20	TG101A-B	1.2-2.5	10%	0.3	23	1.2	-40 ~ +85	100	SMA/N
A21	TH101A	1.2-2.5	10%	0.3	23	1.2	-40 ~ +85	/	SMA/N
A22	TG201F	2.0-4.0	10%	0.4	23	1.2	-30 ~ +70	10	SMA
A23	TH201F	2.0-4.0	10%	0.4	23	1.2	-30 ~ +70	/	SMA
A24	TG401A	3.5-8.0	10%	0.4	23	1.2	-40 ~ +70	10	SMA
A25	TH401A	3.5-8.0	10%	0.4	23	1.2	-40 ~ +70	/	SMA
A26	TG801F8	7-20	10%	0.4	20	1.25	-40 ~ +70	5	SMA
A27	TH701A	7-20	10%	0.4	20	1.25	-40 ~ +70	/	SMA
A28	TG2001	18-24.5	10%	0.6	18	1.35	-40 ~ +70	2	SMAK
A29	TH2001	18-24.5	10%	0.6	18	1.35	-40 ~ +70	/	SMAK

备注：以上均为室温下(25°C ± 5°C)电性能指标
Note: All the specifications above are at room temperature(25°C ± 5°C)

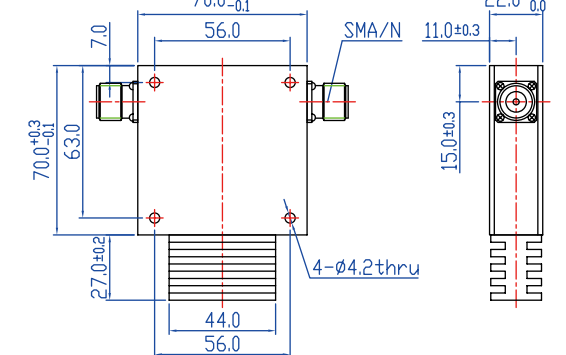
同轴系列 Coaxial Series

产品外形图 Products Outline Drawing

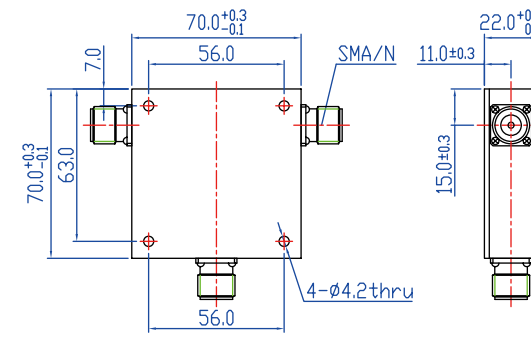
外形图 A01 TG0101A



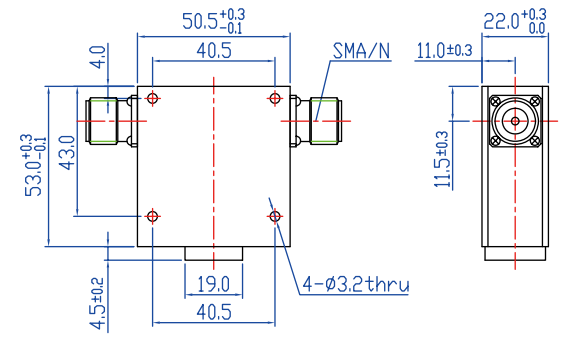
外形图 A02 TG0101A-B



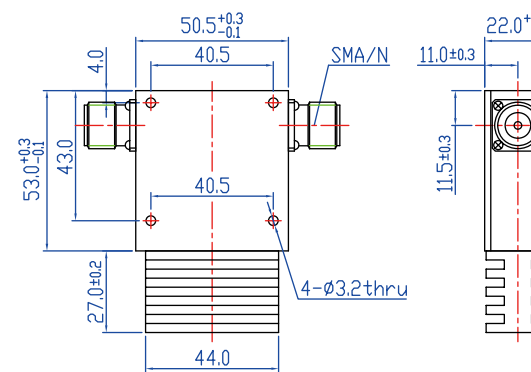
外形图 A03 TH0101A



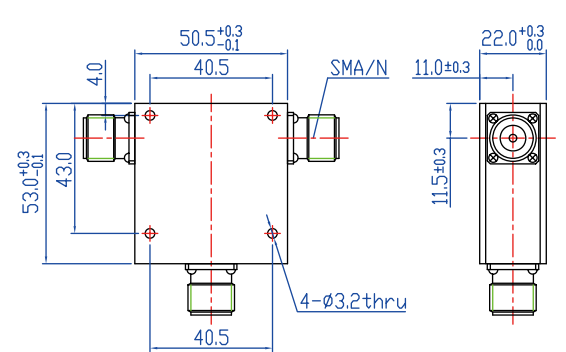
外形图 A04 TG0101



外形图 A05 TG0101B



外形图 A06 TH0101

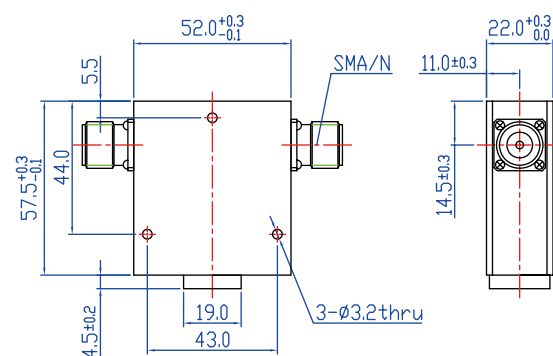


备注：所有标注尺寸单位均为毫米
Note: All dimensions are in mm

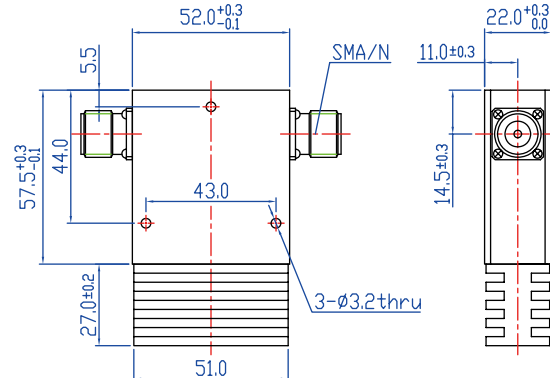
同轴系列 Coaxial Series

产品外形图 Products Outline Drawing

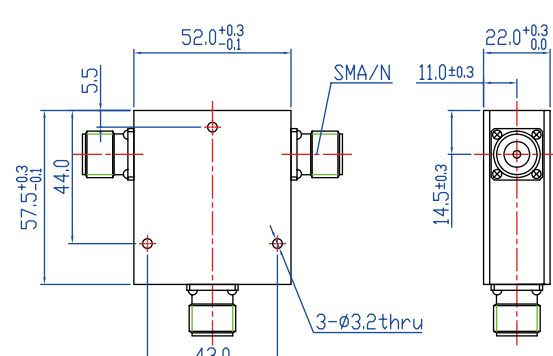
外形图 A07 TG0301A



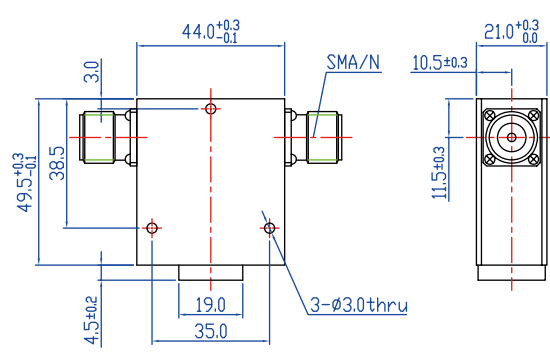
外形图 A08 TG0301B



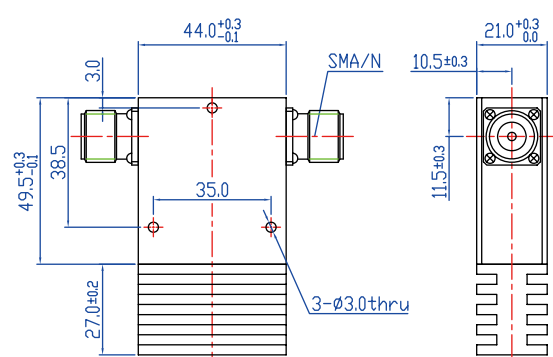
外形图 A09 TH0301A



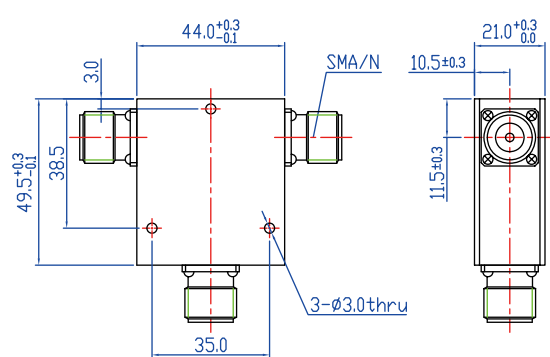
外形图 A10 TG0401A



外形图 A11 TG0401B



外形图 A12 TH0401A

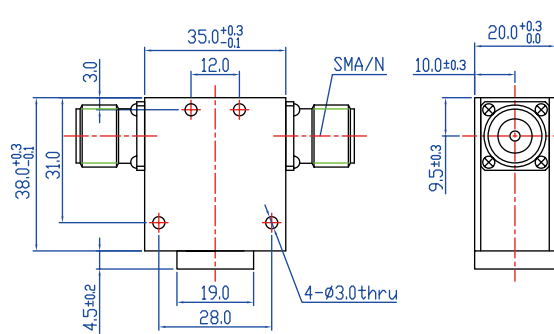


备注：所有标注尺寸单位均为毫米
Note: All dimensions are in mm

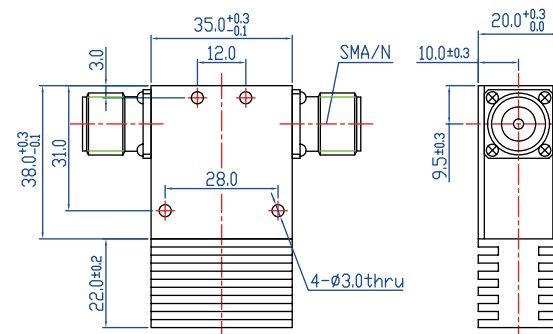
同轴系列 Coaxial Series

产品外形图 Products Outline Drawing

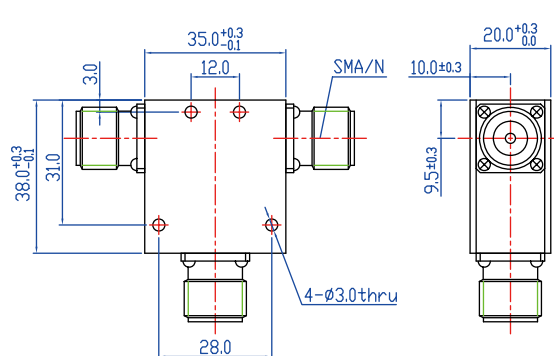
外形图 A13 TG0701



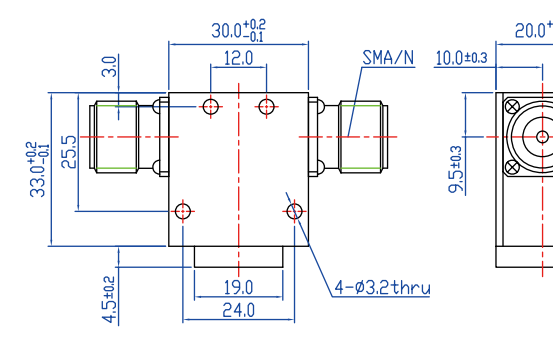
外形图 A14 TG0701B



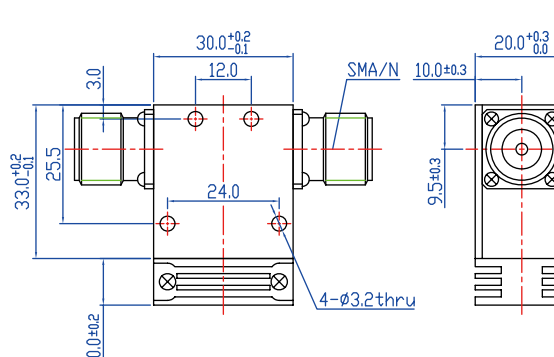
外形图 A15 TH0701



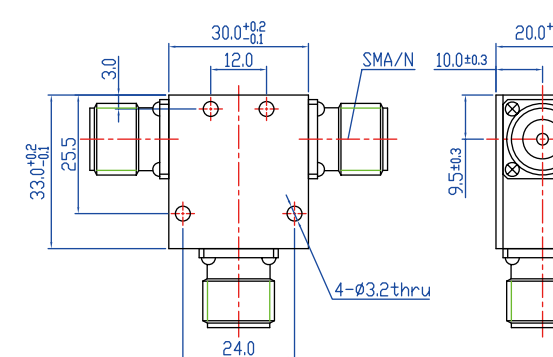
外形图 A16 TG101



外形图 A17 TG101B



外形图 A18 TH101

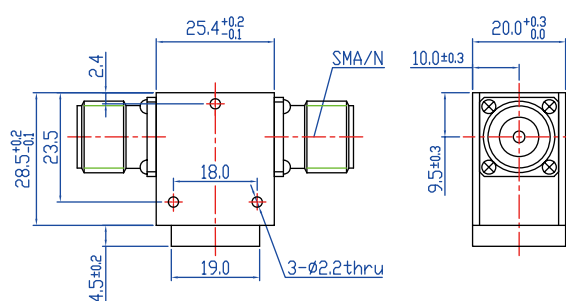


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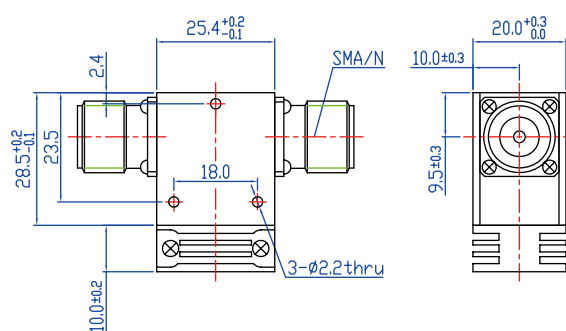
同轴系列 Coaxial Series

产品外形图 Products Outline Drawing

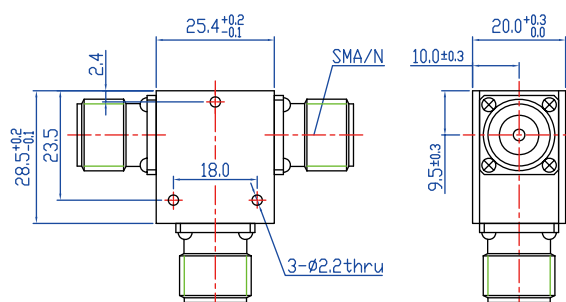
外形图 A19 TG101A



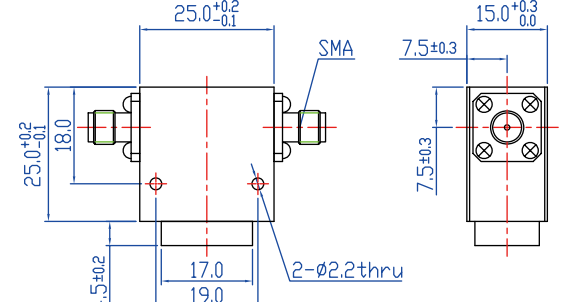
外形图 A20 TG101A-B



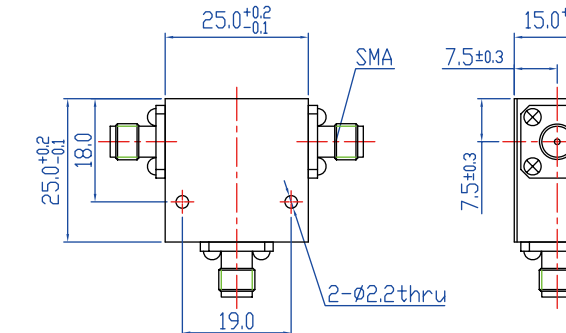
外形图 A21 TH101A



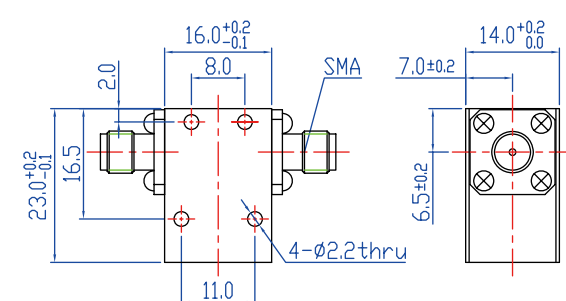
外形图 A22 TG201F



外形图 A23 TH201F



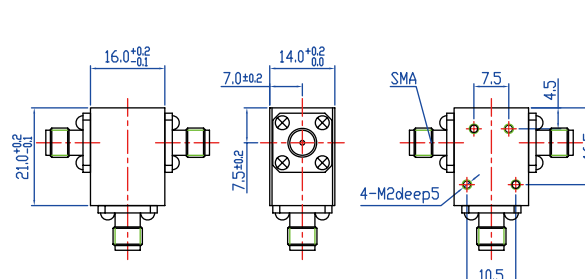
外形图 A24 TG401A



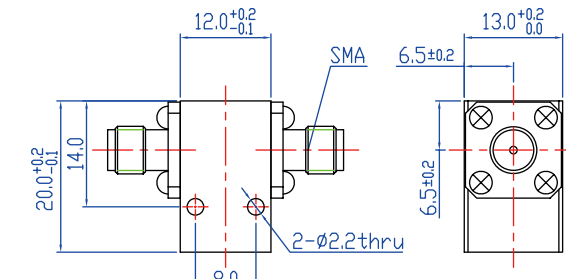
同轴系列 Coaxial Series

产品外形图 Products Outline Drawing

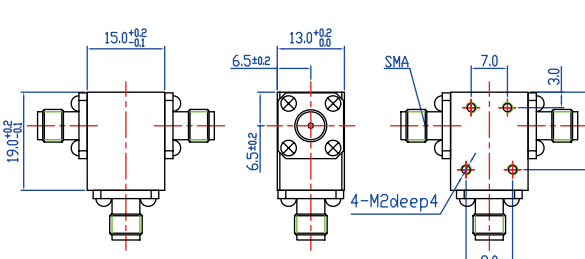
外形图 A25 TH401A



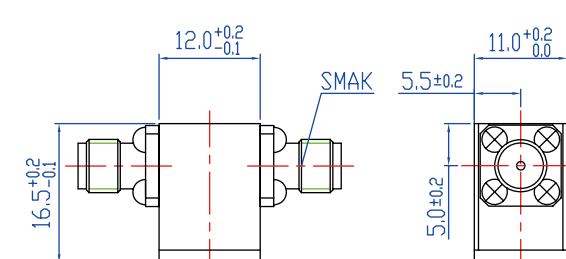
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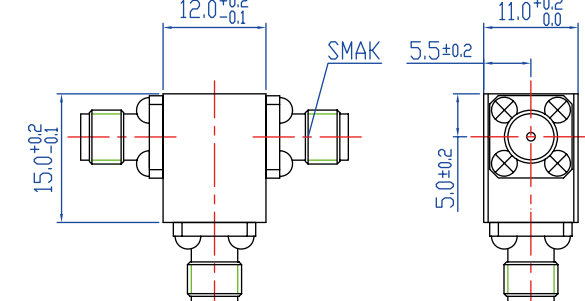
外形图 A27 TH701A



外形图 A28 TG2001



外形图 A29 TH2001



备注：所有标注尺寸单位均为毫米
Note: All dimensions are in mm

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Note: All dimensions are in mm

带状线系列 Drop-in Series

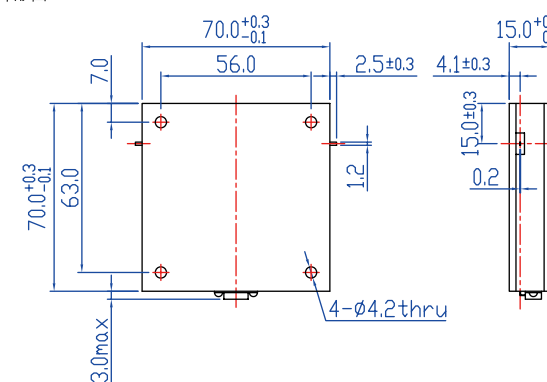
Outline Drawing 外形图	Part Number 产品型号	Frequency Range (GHz) 适用频率	Relative Bandwidth 相对带宽	Insertion Loss (dB Max) 正向损耗	Isolation (dB Min) 反向隔离	VSWR (Max) 驻波系数	Operating Temperature (°C) 工作温度	Load Power (W) 负载功率	Connector Type 连接方式
B01	TG0102A	0.14-0.24	5%	0.6	18	1.3	0 ~ +60	100	TAB
B02	TH0102A	0.14-0.24	5%	0.6	18	1.3	0 ~ +60	/	TAB
B03	TG0102M-100	0.20-0.40	10%	0.5	18	1.3	0 ~ +60	100	TAB
B04	TH0102M	0.20-0.40	10%	0.5	18	1.3	0 ~ +60	/	TAB
B05	TG0402A	0.35-0.55	10%	0.4	20	1.25	-15 ~ +60	10	TAB
B06	TG0402-100	0.35-0.55	10%	0.4	20	1.25	-15 ~ +60	100	TAB
B07	TH0402A	0.35-0.55	10%	0.4	20	1.25	-15 ~ +60	/	TAB
B08	TG0702M1	0.5-1.0	10%	0.4	23	1.2	-30 ~ +70	10	TAB
B09	TG0702M1-100	0.5-1.0	10%	0.4	23	1.2	-30 ~ +70	100	TAB
B10	TH0702M1	0.5-1.0	10%	0.4	23	1.2	-30 ~ +70	/	TAB
B11	TG0902M	0.8-2.2	5%	0.4	23	1.2	-40 ~ +85	10	TAB
B12	TG0902M-100	0.8-2.2	5%	0.4	23	1.2	-40 ~ +85	100	TAB
B13	TH0902M	0.8-2.2	5%	0.4	23	1.2	-40 ~ +85	/	TAB
B14	TG102M-10	0.8-2.2	10%	0.3	23	1.2	-40 ~ +85	10	TAB
B15	TH102M-10	0.8-2.2	10%	0.3	23	1.2	-40 ~ +85	/	TAB
B16	TG102M6	0.8-2.2	10%	0.3	23	1.2	-40 ~ +85	100	TAB
B17	TH102M6	0.8-2.2	10%	0.3	23	1.2	-40 ~ +85	/	TAB
B18	TG102M3-10	1.2-3.8	5%	0.4	23	1.2	-40 ~ +85	10	TAB
B19	TG102M3-100	1.2-3.8	5%	0.4	23	1.2	-40 ~ +85	100	TAB
B20	TH102M3-100	1.2-3.8	5%	0.4	23	1.2	-40 ~ +85	/	TAB
B21	TG302C2	3.0-7.0	5%	0.4	20	1.25	-40 ~ +70	5	TAB
B22	TH302C2	3.0-7.0	5%	0.4	20	1.25	-40 ~ +70	/	TAB
B23	TG402A	3.5-8.0	10%	0.4	23	1.2	-40 ~ +70	10	TAB
B24	TH402A	3.5-8.0	10%	0.4	23	1.2	-40 ~ +70	/	TAB
B25	TG1002E	7-18	10%	0.4	20	1.25	-40 ~ +70	5	TAB
B26	TH1002C2	7-18	10%	0.4	20	1.25	-40 ~ +70	/	TAB
B27	TG2002	18-24.5	10%	0.6	18	1.35	-40 ~ +70	2	TAB
B28	TH2002	18-24.5	10%	0.6	18	1.35	-40 ~ +70	/	TAB

备注：以上均为室温下(25°C ± 5°C)电性能指标
Note: All the specifications above are at room temperature(25°C ± 5°C)

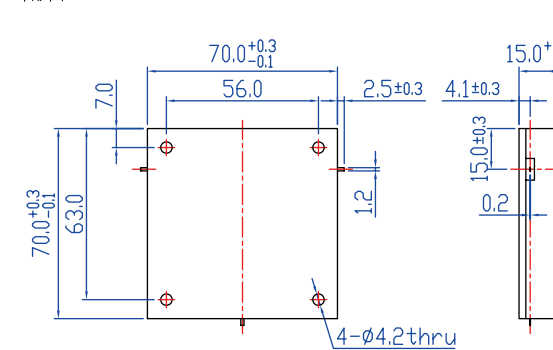
带状线系列 Drop-in Series

产品外形图 Products Outline Drawing

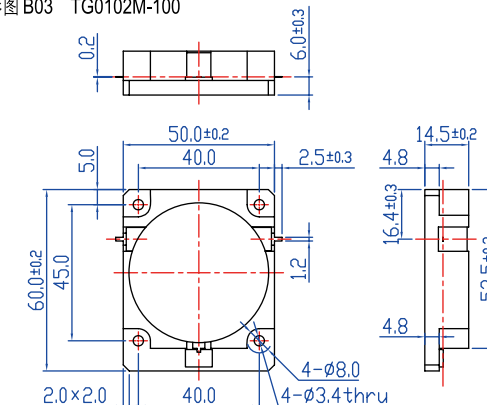
外形图 B01 TG0102A



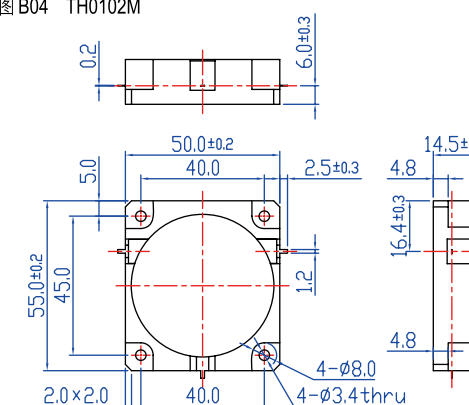
外形图 B02 TH0102A



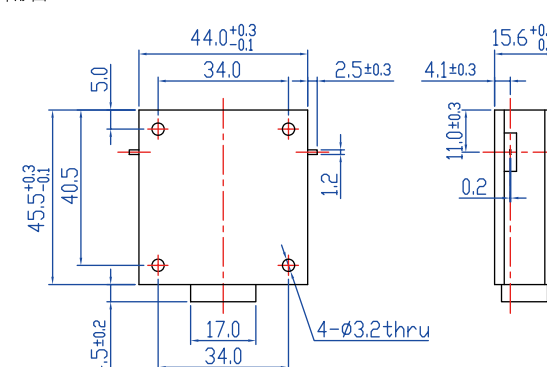
外形图 B03 TG0102M-100



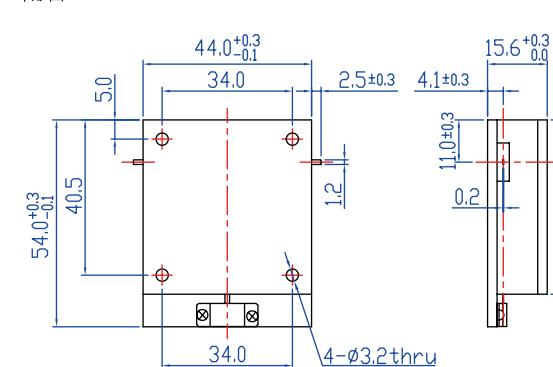
外形图 B04 TH0102M



外形图 B05 TG0402A



外形图 B06 TG0402-100

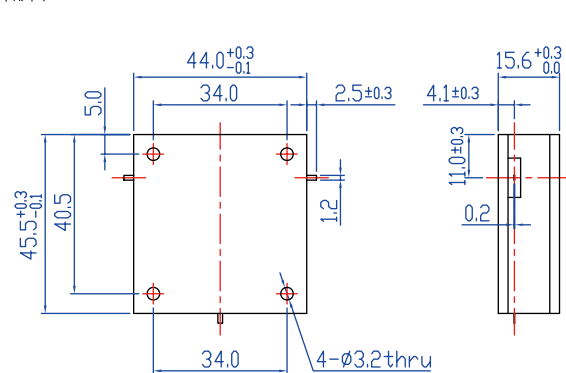


备注：所有标注尺寸单位均为毫米
Note: All dimensions are in mm

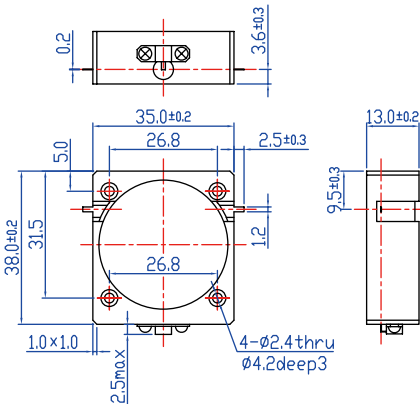
带状线系列 Drop-in Series

产品外形图 Products Outline Drawing

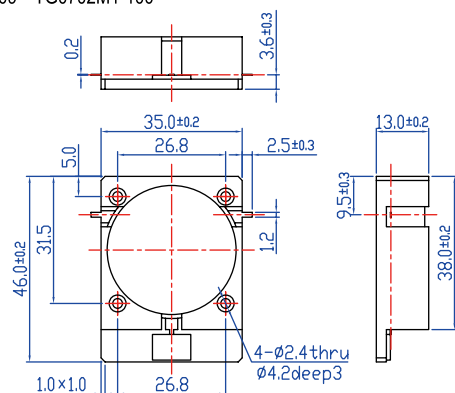
外形图 B07 TH0402A



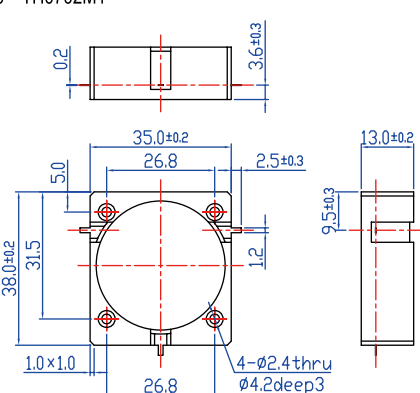
外形图 B08 TG0702M1



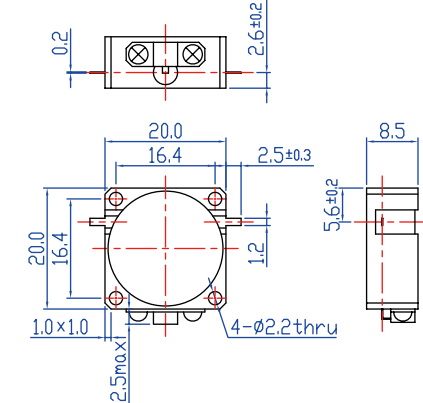
外形图 B09 TG0702M1-100



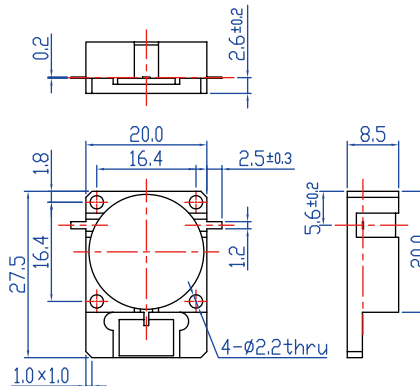
外形图 B10 TH0702M1



外形图 B11 TG0902M



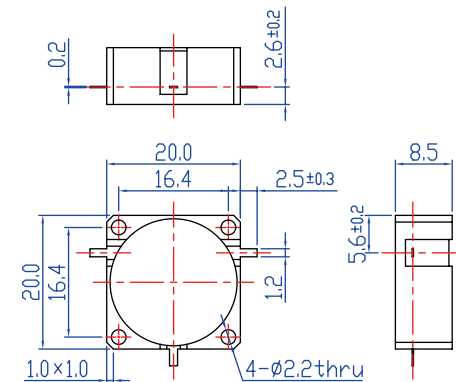
外形图 B12 TG0902M-100



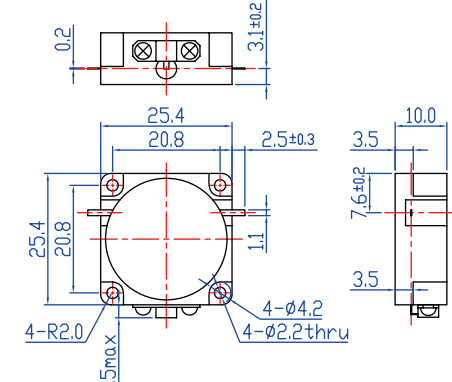
带状线系列 Drop-in Series

产品外形图 Products Outline Drawing

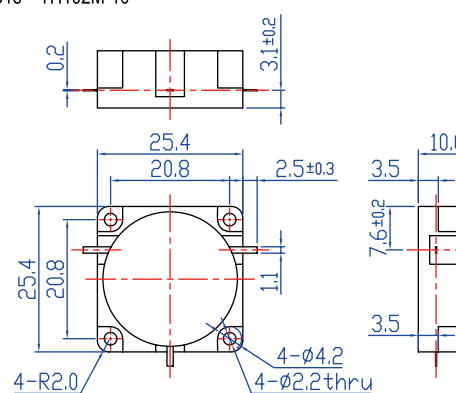
外形图 B13 TH0902M



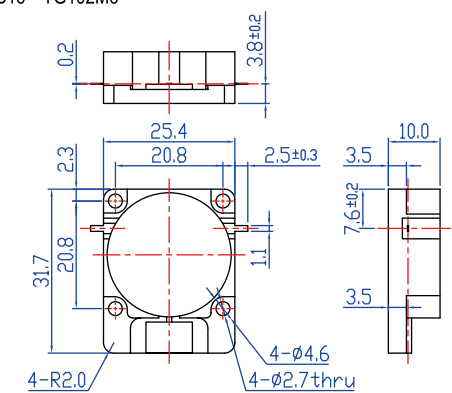
外形图 B14 TG102M-10



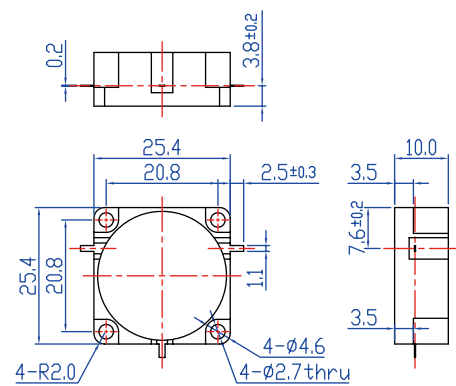
外形图 B15 TH102M-10



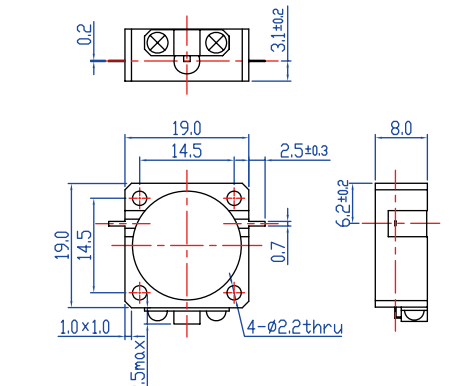
外形图 B16 TG102M6



外形图 B17 TH102M6



外形图 B18 TG102M3-10



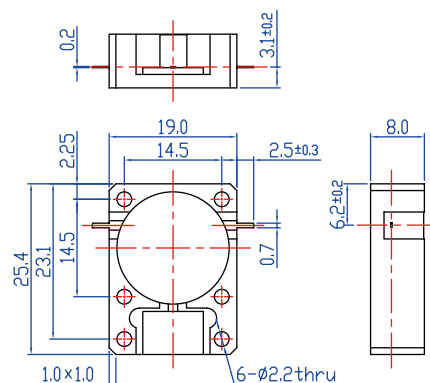
备注：所有标注尺寸单位均为毫米
Note: All dimensions are in mm

备注：所有标注尺寸单位均为毫米
Note: All dimensions are in mm

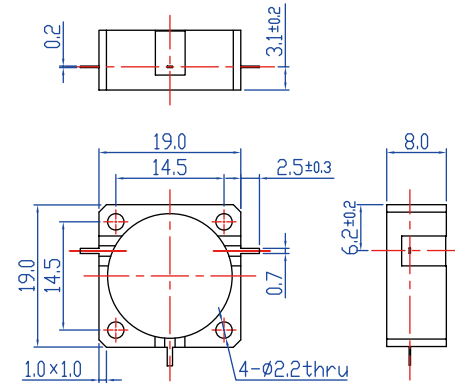
带状线系列 Drop-in Series

产品外形图 Products Outline Drawing

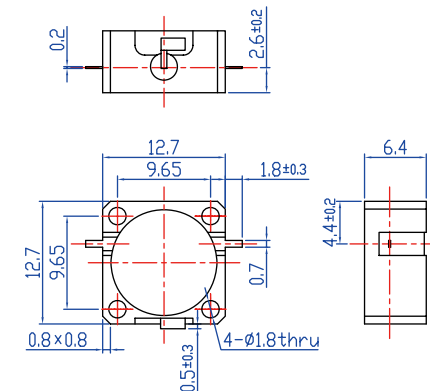
外形图 B19 TG102M3-100



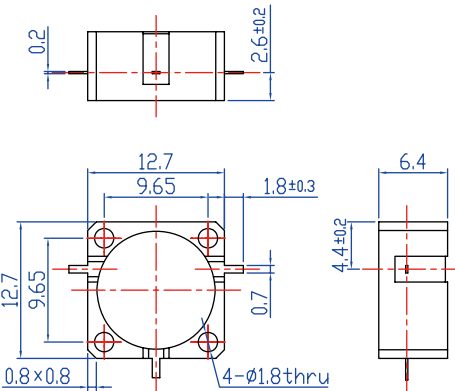
外形图 B20 TH102M3-100



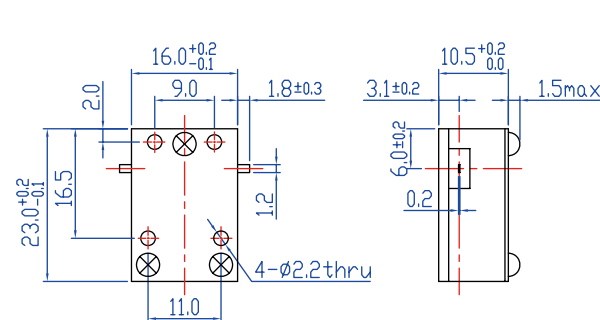
外形图 B21 TG302C2



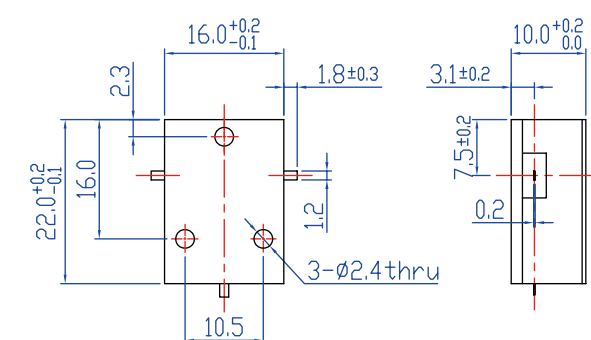
外形图 B22 TH302C2



外形图 B23 TG402A



外形图 B24 TH402A

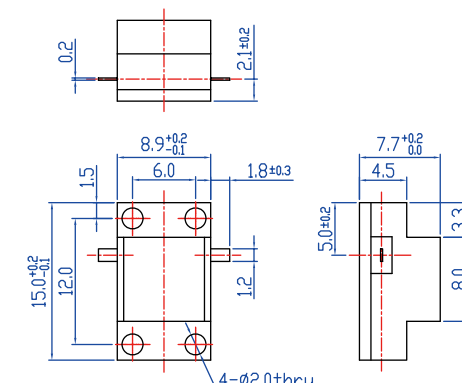


备注：所有标注尺寸单位均为毫米
Note: All dimensions are in mm

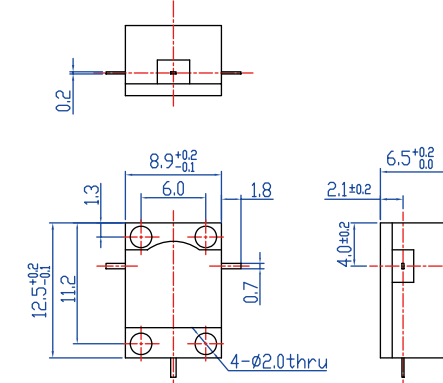
带状线系列 Drop-in Series

产品外形图 Products Outline Drawing

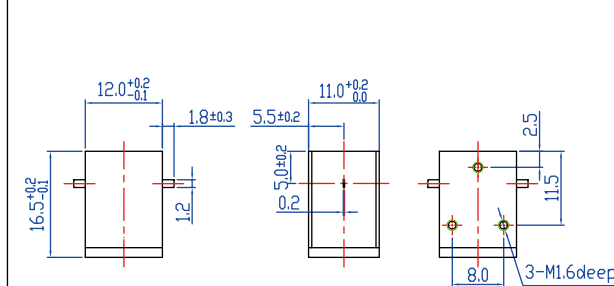
外形图 B25 TG1002E



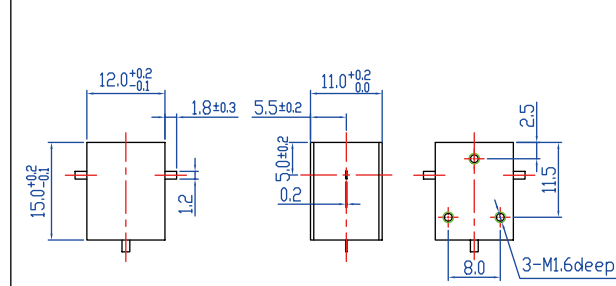
外形图 B26 TH1002C2



外形图 B27 TG2002



外形图 B28 TH2002



备注：所有标注尺寸单位均为毫米
Note: All dimensions are in mm

波导系列 Waveguide Series

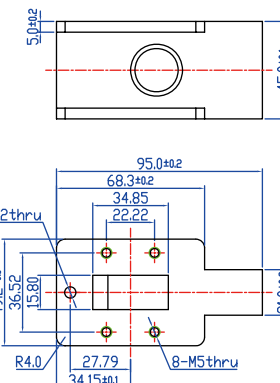
Outline Drawing 外形图	Part Number 产品型号	Frequency Range (GHz) 适用频率	Relative Bandwidth 相对带宽	Insertion Loss (dB Max) 正向损耗	Isolation (dB Min) 反向隔离	VSWR (Max) 驻波系数	Operating Temperature (°C) 工作温度	Connector Type 连接方式
C01	BG70-45	5.38-8.18	10%	0.3	23	1.2	-40 ~ +85	WR137
C02	BH70-68.3	5.38-8.18	10%	0.3	23	1.2	-40 ~ +85	WR137
C03	BG84-36	6.58-10.0	10%	0.3	23	1.2	-40 ~ +85	WR112
C04	BH84-60	6.58-10.0	10%	0.3	23	1.2	-40 ~ +85	WR112
C05	BG100-12.7	8.20-12.5	3%	0.3	25	1.2	-40 ~ +85	WR90
C06	BG100-28	8.20-12.5	10%	0.3	23	1.2	-40 ~ +85	WR90
C07	BH100-48	8.20-12.5	10%	0.3	23	1.2	-40 ~ +85	WR90
C08	BG120-12.7A	9.48-15.0	5%	0.3	20	1.2	-40 ~ +85	WR75
C09	BG120-25	9.48-15.0	10%	0.3	23	1.2	-40 ~ +85	WR75
C10	BH120-42	9.48-15.0	10%	0.3	23	1.2	-40 ~ +85	WR75
C11	BG140-12.7	11.9-18.0	5%	0.3	23	1.2	-40 ~ +85	WR62
C12	BG140-21	11.9-18.0	10%	0.3	23	1.2	-40 ~ +85	WR62
C13	BH140-40	11.9-18.0	10%	0.3	23	1.2	-40 ~ +85	WR62
C14	BG180-15A	14.5-22.0	10%	0.3	20	1.2	-40 ~ +85	WR51
C15	BH180-32	14.5-22.0	10%	0.3	20	1.2	-40 ~ +85	WR51
C16	BG220-9.5	17.6-26.7	10%	0.4	18	1.3	-40 ~ +85	WR42
C17	BG220-12.7	17.6-26.7	10%	0.4	20	1.2	-40 ~ +85	WR42
C18	BH220-24	17.6-26.7	10%	0.4	20	1.2	-40 ~ +85	WR42
C19	BG260-12.7	21.7-33.0	8%	0.4	20	1.2	-40 ~ +85	WR34
C20	BH260-22.3	21.7-33.0	8%	0.4	20	1.2	-40 ~ +85	WR34
C21	BG320-10	26.4-40.1	5%	0.4	20	1.25	-40 ~ +85	WR28
C22	BG320-12.7L1	26.4-40.1	8%	0.4	20	1.25	-40 ~ +85	WR28
C23	BH320-10	26.4-40.1	5%	0.4	20	1.25	-40 ~ +85	WR28
C24	BH320-21	26.4-40.1	5%	0.4	20	1.25	-40 ~ +85	WR28
C25	BG400-10	33.0-50.1	5%	0.4	20	1.25	-40 ~ +85	WR22
C26	BH400-19	33.0-50.1	5%	0.4	20	1.25	-40 ~ +85	WR22
C27	BG500-10	39.3-59.7	4%	0.4	20	1.25	-40 ~ +85	WR19
C28	BH500-10	39.3-59.7	4%	0.4	20	1.25	-40 ~ +85	WR19
C29	BG740-19	60.5-92.0	1%	0.8	18	1.3	-40 ~ +85	WR12
C30	BH740-25.4	60.5-92.0	1%	0.8	18	1.3	-40 ~ +85	WR12
C31	BG900-10A	73.8-112	2%	1.0	18	1.3	-40 ~ +85	WR10
C32	BH900-10A	73.8-112	2%	1.0	18	1.3	-40 ~ +85	WR10

备注：以上均为室温下(25°C ± 5°C)电性能指标
Note: All the specifications above are at room temperature(25°C ± 5°C)

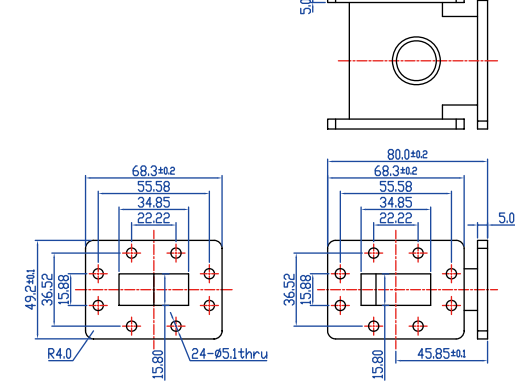
波导系列 Waveguide Series

产品外形图 Products Outline Drawing

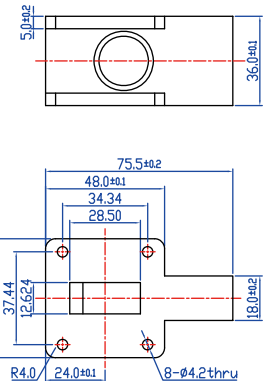
外形图 C01 BG70-45



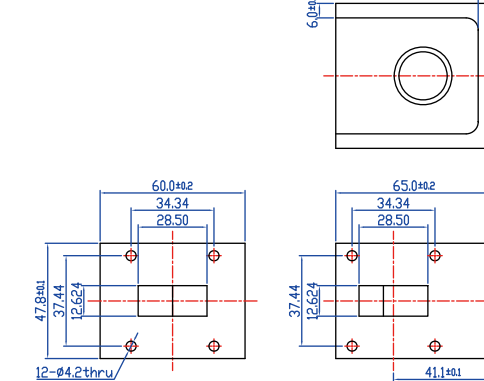
外形图 C02 BH70-68.3



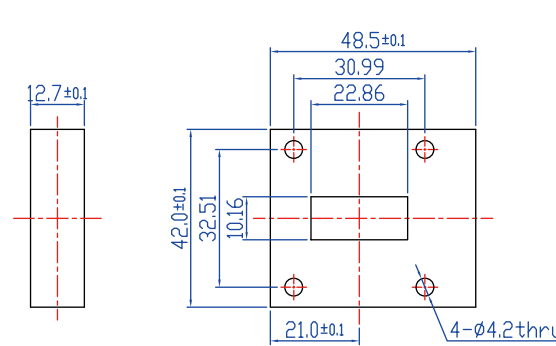
外形图 C03 BG84-36



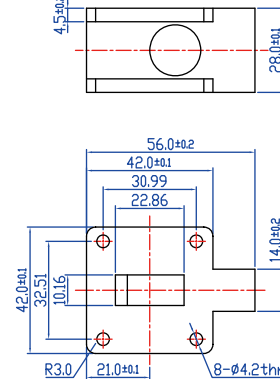
外形图 C04 BH84-60



外形图 C05 BG100-12.7



外形图 C06 BG100-28

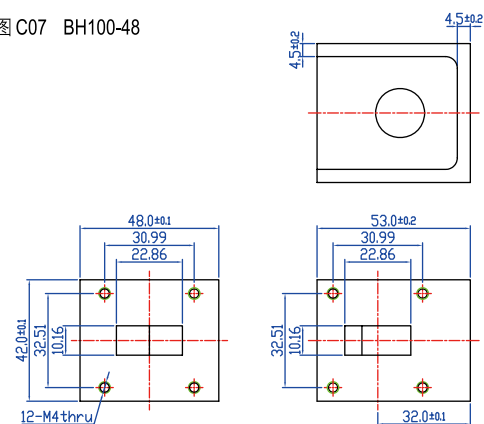


备注：所有标注尺寸单位均为毫米
Note: All dimensions are in mm

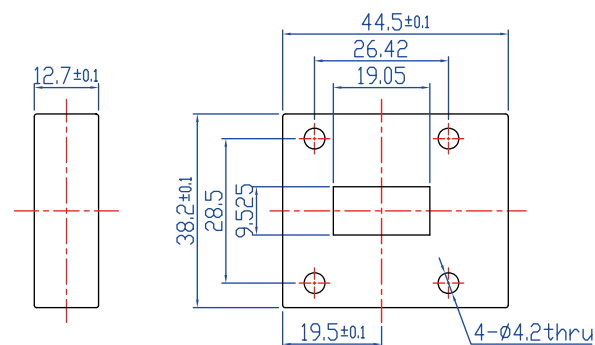
波导系列 Waveguide Series

产品外形图 Products Outline Drawing

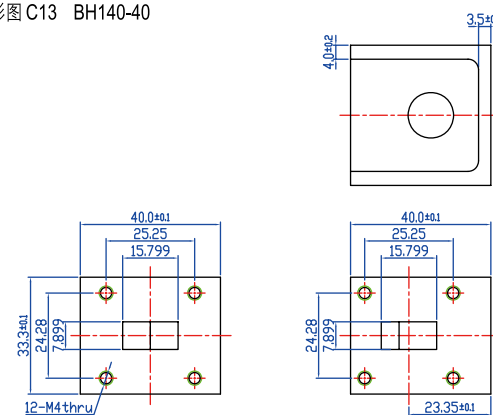
外形图 C07 BH100-48



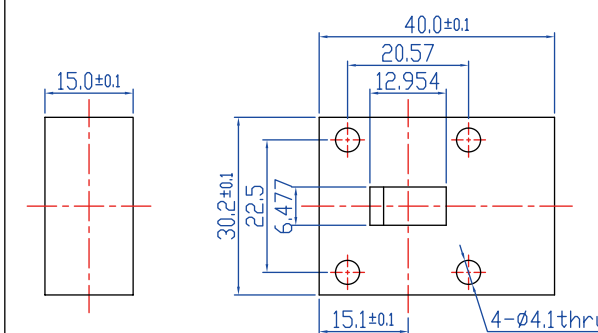
外形图 C08 BG120-12.7A



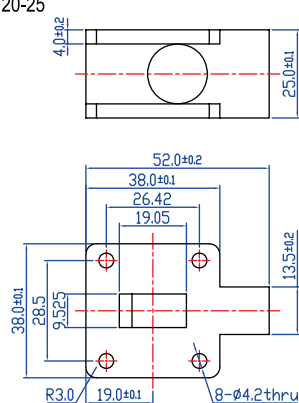
外形图 C13 BH140-40



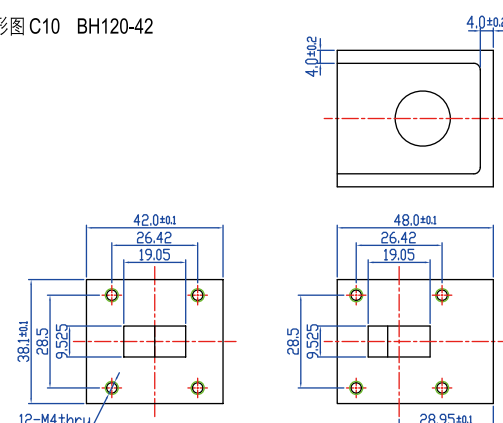
外形图 C14 BG180-15A



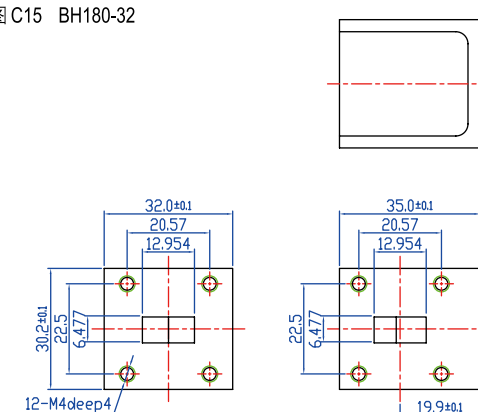
外形图 C09 BG120-25



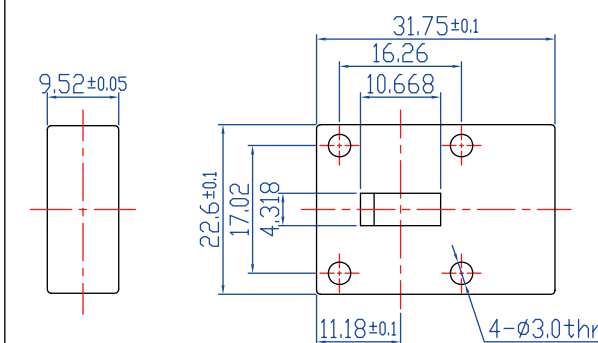
外形图 C10 BH120-42



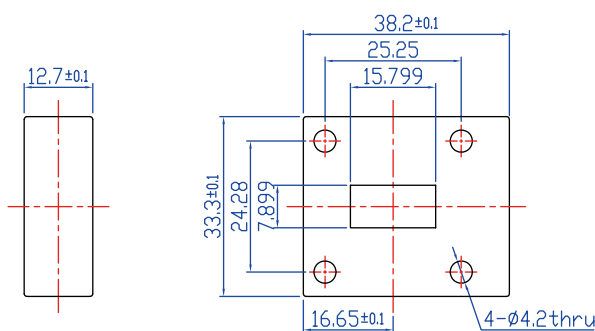
外形图 C15 BH180-32



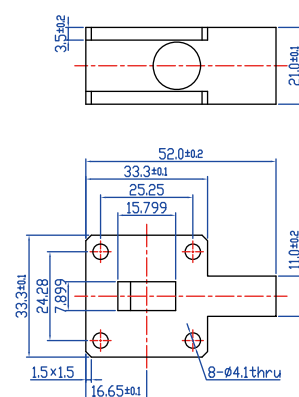
外形图 C16 BG220-9.5



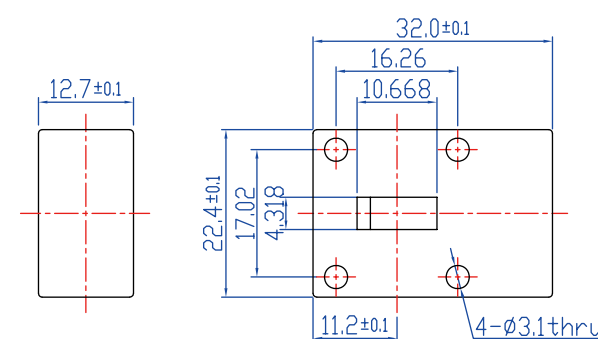
外形图 C11 BG140-12.7



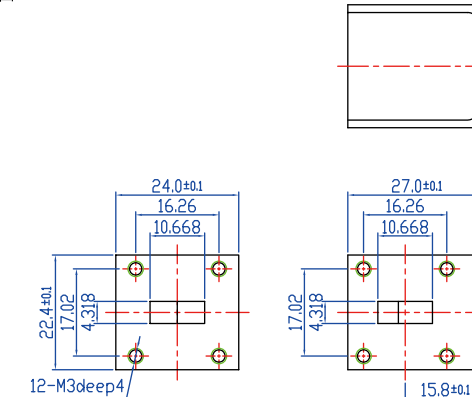
外形图 C12 BG140-21



外形图 C17 BG220-12.7



外形图 C18 BH220-24



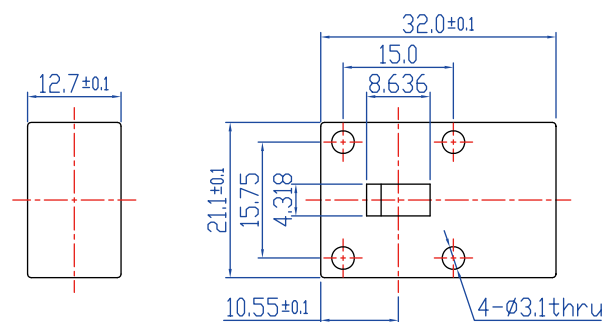
备注：所有标注尺寸单位均为毫米
Note: All dimensions are in mm

备注：所有标注尺寸单位均为毫米
Note: All dimensions are in mm

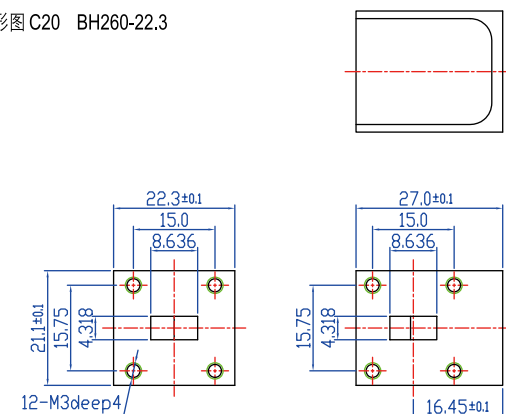
波导系列 Waveguide Series

产品外形图 Products Outline Drawing

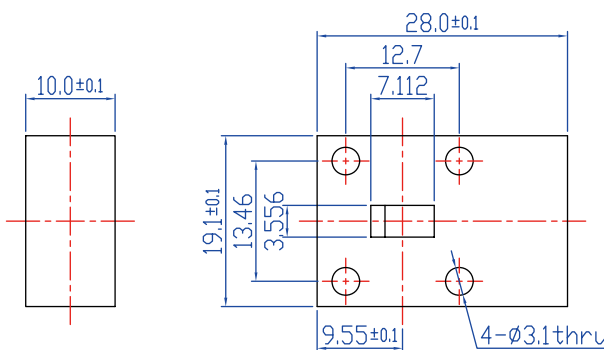
外形图 C19 BG260-12.7



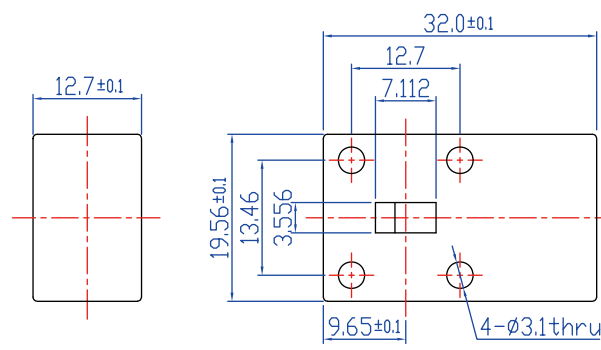
外形图 C20 BH260-22.3



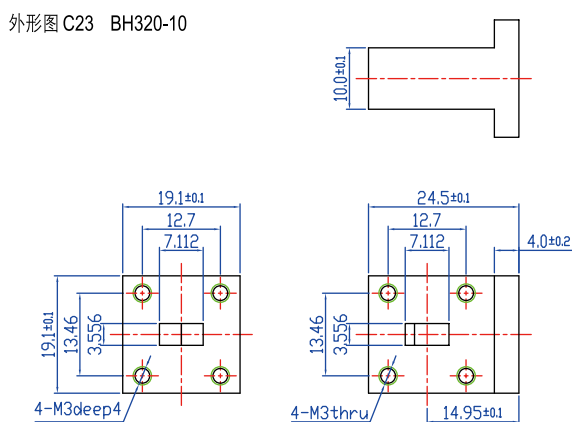
外形图 C21 BG320-10



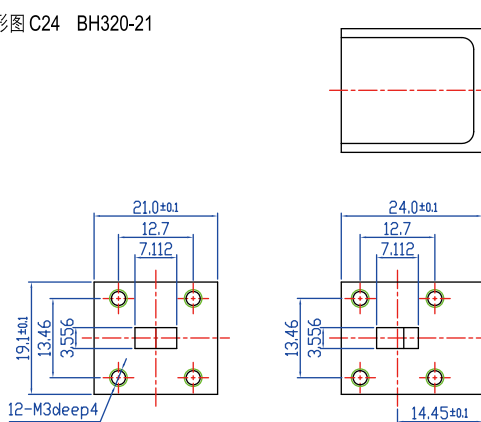
外形图 C22 BG320-12.7L1



外形图 C23 BH320-10



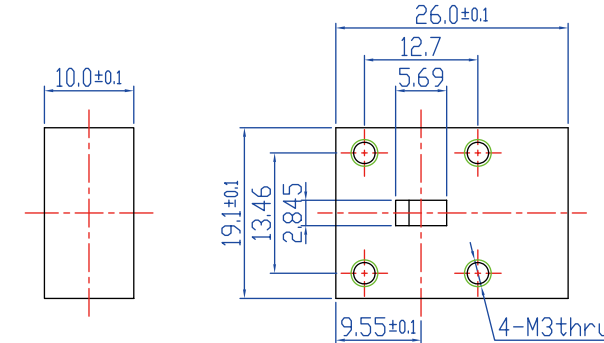
外形图 C24 BH320-21



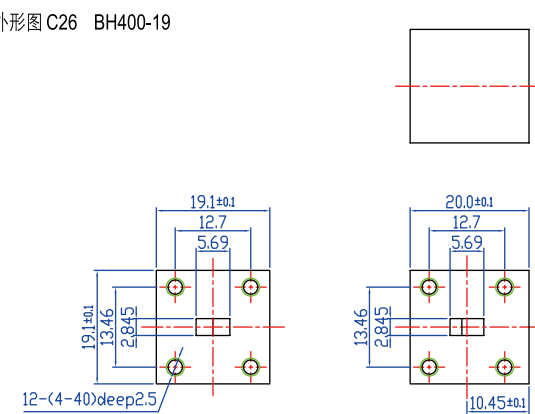
波导系列 Waveguide Series

产品外形图 Products Outline Drawing

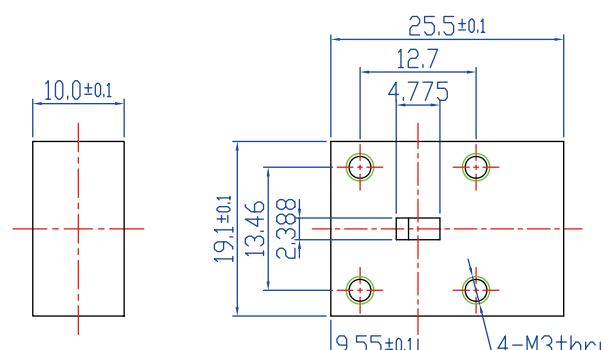
外形图 C25 BG400-10



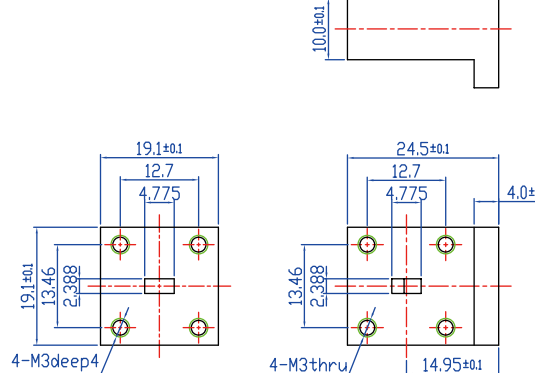
外形图 C26 BH400-19



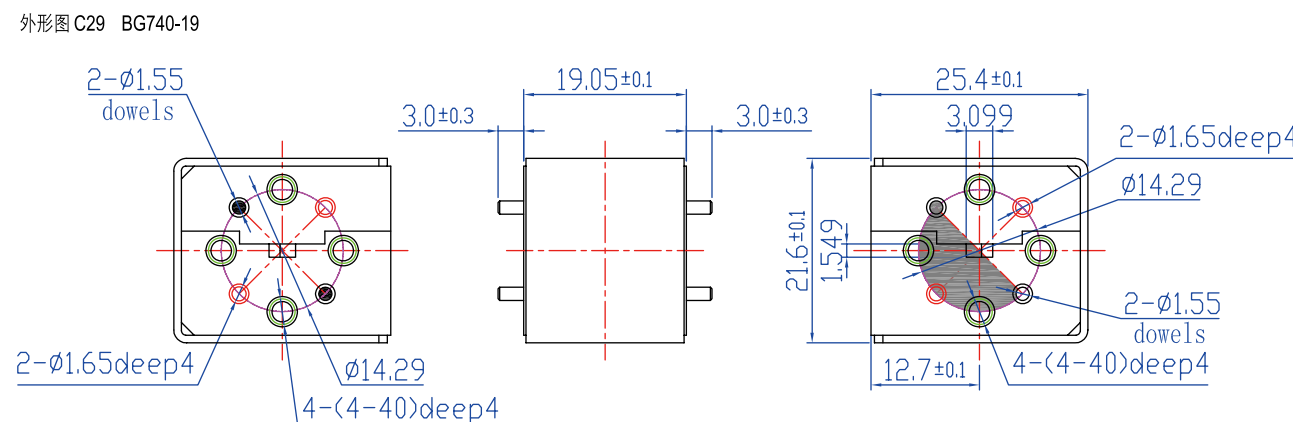
外形图 C27 BG500-10



外形图 C28 BH500-10



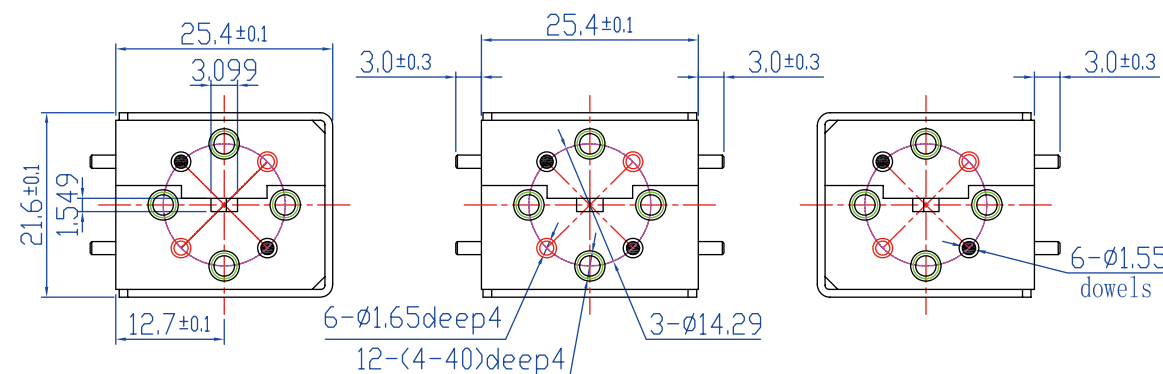
外形图 C29 BG740-19



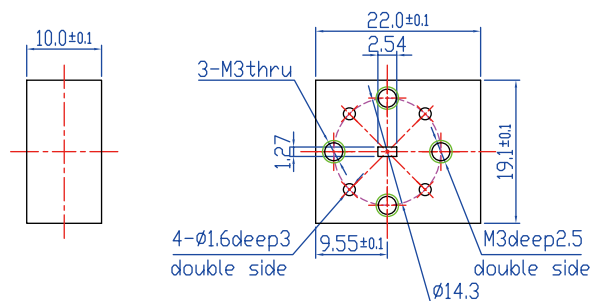
波导系列 Waveguide Series

产品外形图 Products Outline Drawing

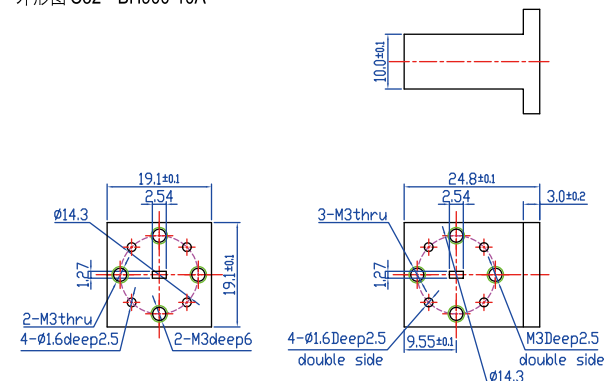
外形图 C30 BH740-25.4



外形图 C31 BG900-10A



外形图 C32 BH900-10A



备注：所有标注尺寸单位均为毫米
Note: All dimensions are in mm

表贴系列 SMD Series

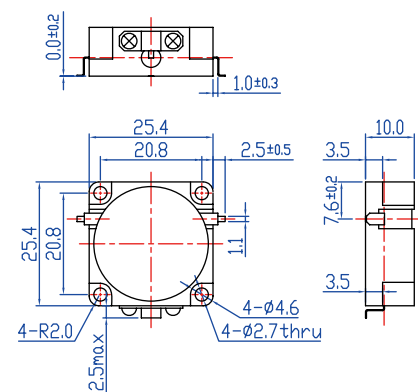
Outline Drawing 外形图	Part Number 产品型号	Frequency Range (GHz) 适用频率	Relative Bandwidth 相对带宽	Insertion Loss (dB Max) 正向损耗	Isolation (dB Min) 反向隔离	VSWR (Max) 驻波系数	Operating Temperature (°C) 工作温度	Load Power (W) 负载功率	Connector Type 连接方式
D01	TG102M1-4	0.35-0.5	5%	0.7	18	1.3	-40 ~ +85	10	SMD
D01	TG102M1-4	0.5-1.0	5%	0.5	23	1.2	-40 ~ +85	10W	SMD
D02	TH102M1-4	0.35-0.5	5%	0.7	18	1.3	-40 ~ +85	/	SMD
D02	TH102M1-4	0.5-1.0	5%	0.5	23	1.2	-40 ~ +85	/	SMD
D03	TG102K4	1.5-2.2	1%	0.4	20	1.25	-40 ~ +85	5	SMD
D04	TH102K4	1.5-2.2	1%	0.4	20	1.25	-40 ~ +85	/	SMD
D05	TG102SMD01-100	0.8-2.2	10%	0.3	23	1.2	-40 ~ +85	100	SMD
D06	TH102SMD06	0.8-2.2	10%	0.3	23	1.2	-40 ~ +85	/	SMD
D07	TG202SMD08-100	1.2-3.8	5%	0.4	23	1.2	-40 ~ +85	100	SMD
D08	TH202SMD08	1.2-3.8	5%	0.4	23	1.2	-40 ~ +85	/	SMD
D09	TG202SMD05	1.8-2.7	5%	0.4	20	1.25	-40 ~ +85	10	SMD
D10	TH202SMD05	1.8-2.7	5%	0.4	20	1.25	-40 ~ +85	/	SMD
D11	TG902C1	9-11	10%	0.5	20	1.25	-15 ~ +60	0.5	SMD
D12	TH902C	9-11	10%	0.5	20	1.25	-15 ~ +60	/	SMD

备注：以上均为室温下(25°C ± 5°C)电性能指标
Note: All the specifications above are at room temperature (25°C ± 5°C)

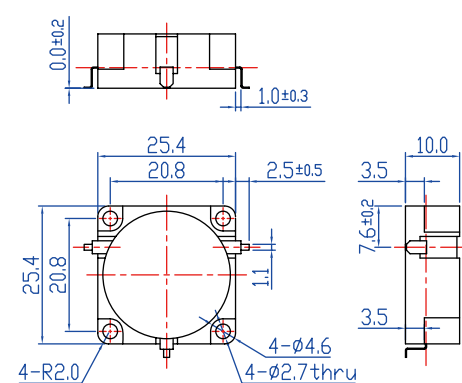
表贴系列 SMD Series

产品外形图 Products Outline Drawing

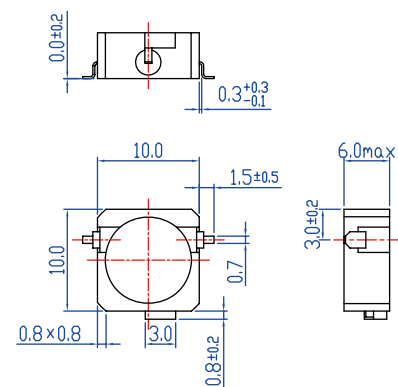
外形图 D01 TG102M1-4



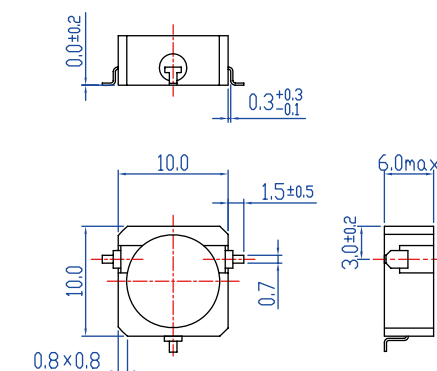
外形图 D02 TH102M1-4



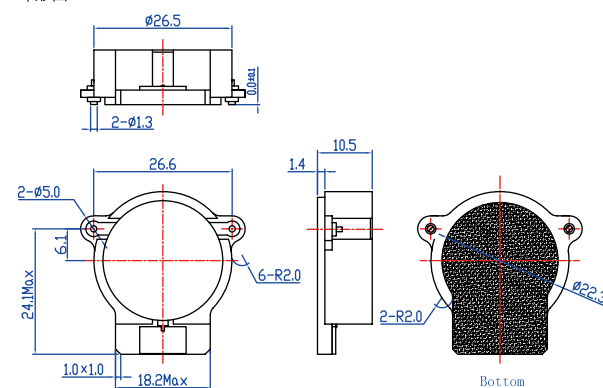
外形图 D03 TG102K4



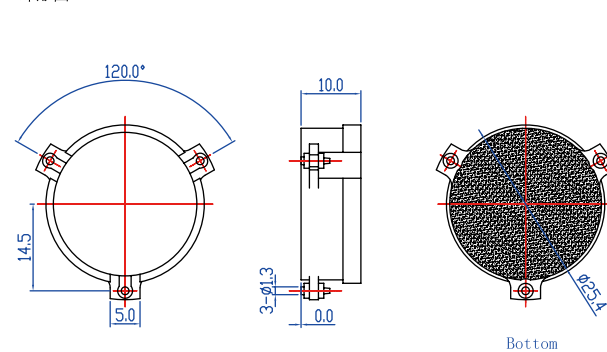
外形图 D04 TH102K4



外形图 D05 TG102SMD01-100



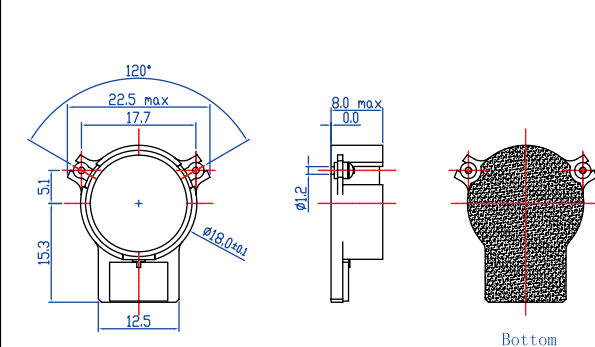
外形图 D06 TH102SMD06



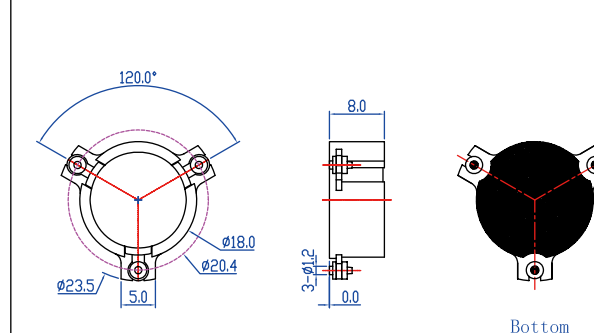
表贴系列 SMD Series

产品外形图 Products Outline Drawing

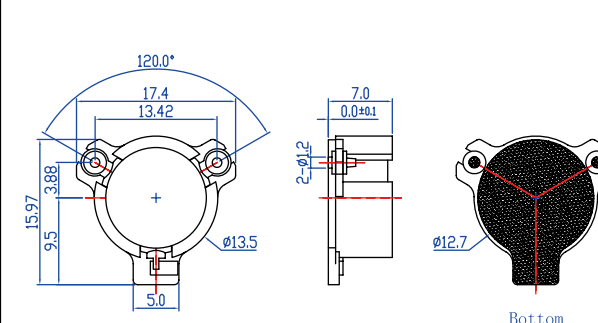
外形图 D07 TG202SMD08-100



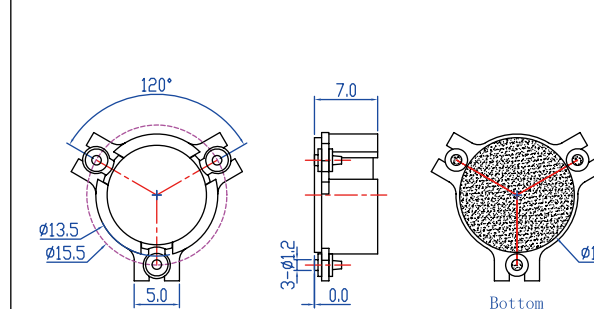
外形图 D08 TH202SMD08



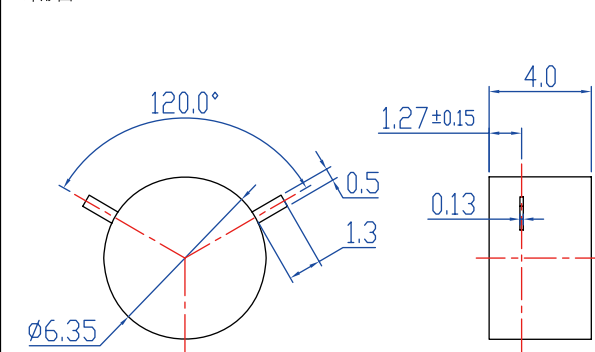
外形图 D09 TG202SMD05



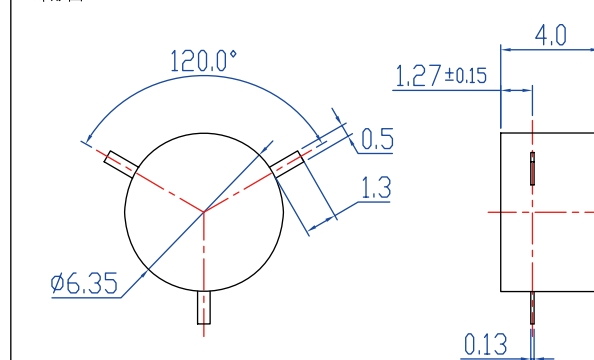
外形图 D10 TH202SMD05



外形图 D11 TG902C1



外形图 D12 TH902C



微带系列（单节）Micro-strip Series (Single)

Outline Drawing 外形图	Part Number 产品型号	Frequency Range (GHz) 适用频率	Insertion Loss (dB Max) 正向损耗	Isolation (dB Min) 反向隔离	VSWR (Max) 驻波系数	Operating Temperature (℃) 工作温度	Load Power (W) 负载功率	Connector Type 连接方式
E01	WG502A5	5.0-6.0	0.5	18	1.25	-55 ~ +85	10	GWB
E02	WG702A	7.1-8.5	0.5	20	1.35	-55 ~ +85	10	GWB
E03	WG702A1	7-7.5	0.5	20	1.25	-55 ~ +85	0.5	GWB
E04	WG702A3	7-8.5	0.6	18	1.3	-55 ~ +85	10	GWB
E05	WG702A5	5.8-7.2	0.5	18	1.25	-55 ~ +85	10	GWB
E06	WG902A	8.8-9.8	0.5	20	1.25	-55 ~ +85	0.5	GWB
E07	WG902A2	11.9-12.2	0.5	20	1.25	-55 ~ +85	0.5	GWB
E08	WG902A3	10.5-10.9	0.5	20	1.25	-55 ~ +85	10	GWB
E09	WG902A7	8.5-10.5	0.5	18	1.25	-55 ~ +85	20	GWB
E10	WG902A11	13-15	0.6	18	1.3	-55 ~ +85	0.5	GWB
E11	WG902A12	8.5-10.5	0.5	18	1.3	-55 ~ +85	0.5	GWB
E12	WG902A19	8-12	0.6	17	1.35	-55 ~ +85	10	GWB
E13	WG1202A	8-18	1.2	11	1.6	-55 ~ +85	5	GWB
E14	WG1502A8	16-17	0.6	18	1.3	-55 ~ +85	10	GWB
E15	WG1502A10	14.2-16	0.6	17	1.35	-55 ~ +85	10	GWB
E16	WG1502A16	12-17	0.8	15	1.45	-55 ~ +85	10	GWB
E17	WG2002A	18.2-21.2	0.8	17	1.4	-55 ~ +85	0.5	GWB
E18	WG2602A2	24.5-28.35	1.2	18	1.4	-55 ~ +85	0.5	GWB
E19	WG2802A1	29-31	1.2	18	1.4	-55 ~ +85	0.5	GWB
E20	WG3002A3	32-36	1.3	15	1.5	-55 ~ +85	0.5	GWB
E21	WG3002A8	30.4-33.4	1.2	15	1.4	-55 ~ +85	0.5	GWB
E22	WG4002A	43.5-45.5	1.5	15	1.5	-55 ~ +85	0.5	GWB
E23	WH502A2	5.0-6.0	0.6	17	1.35	-55 ~ +85	/	GWB
E24	WH502A3	5.2-5.9	0.5	18	1.3	-55 ~ +85	/	GWB
E25	WH702A1	6.5-7.1	0.5	18	1.3	-55 ~ +85	/	GWB
E26	WH902A2	8.6-10.6	0.6	17	1.35	-55 ~ +85	/	GWB
E27	WH902A3	8-12	0.6	17	1.35	-55 ~ +85	/	GWB
E28	WH902A5	8-12	0.6	16	1.4	-55 ~ +85	/	GWB
E29	WH1502A6	14-18	0.7	16	1.4	-55 ~ +85	/	GWB
E30	WH1502A9	12-17	0.8	15	1.45	-55 ~ +85	/	GWB
E31	WH1502A18	14.5-15.5	0.5	20	1.25	-55 ~ +85	/	GWB
E32	WH2002A	19.5-23	0.8	15	1.4	-55 ~ +85	/	GWB
E33	WH2602A2	24.5-26.5	1	16	1.4	-55 ~ +85	/	GWB
E34	WH3002A2	34-36	1.2	16	1.4	-55 ~ +85	/	GWB
E35	WH3002A3	34-36	1.2	16	1.4	-55 ~ +85	/	GWB

备注：以上均为室温下(25℃±5℃)电性能指标
Note: All the specifications above are at room temperature(25℃±5℃)

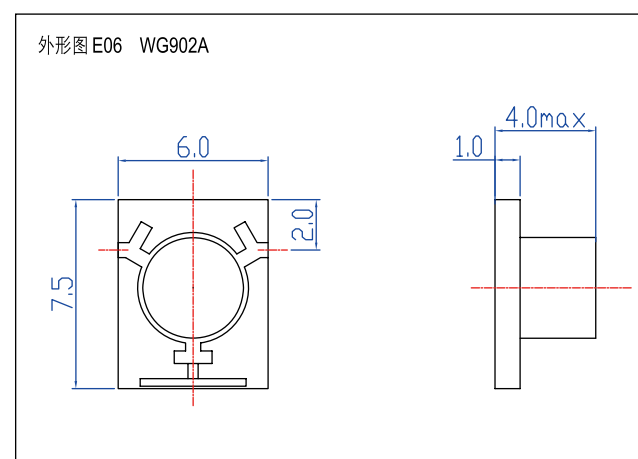
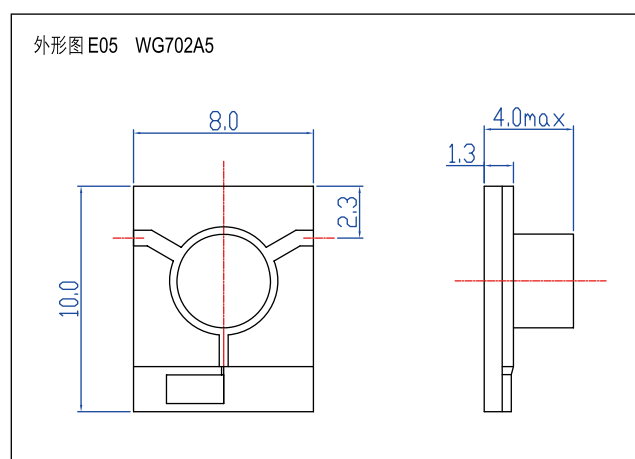
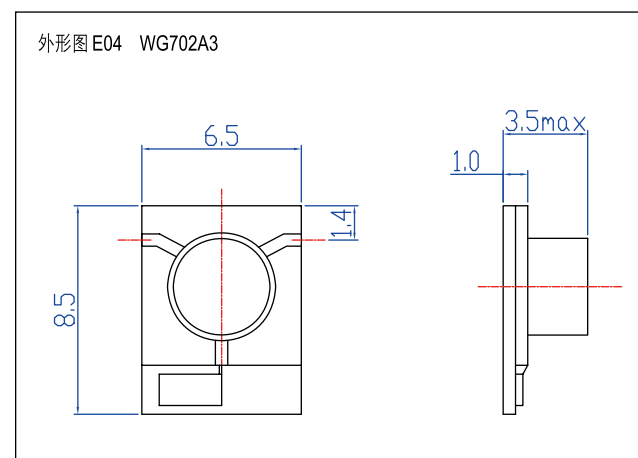
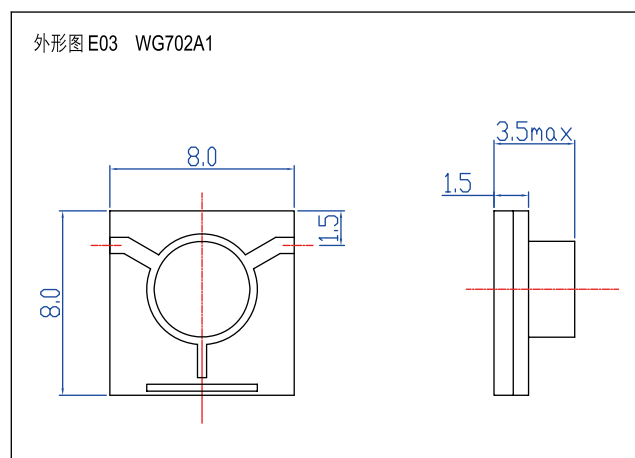
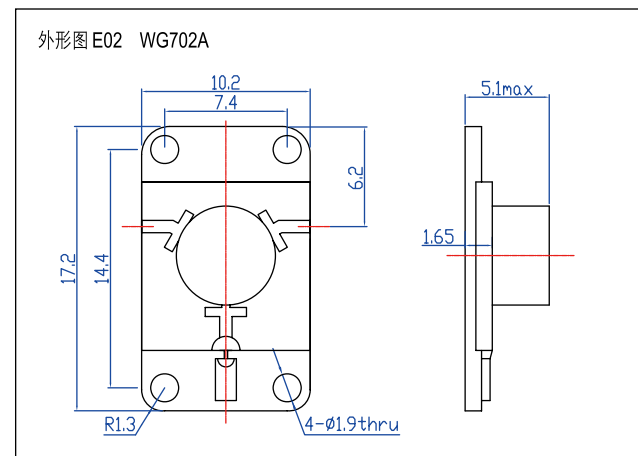
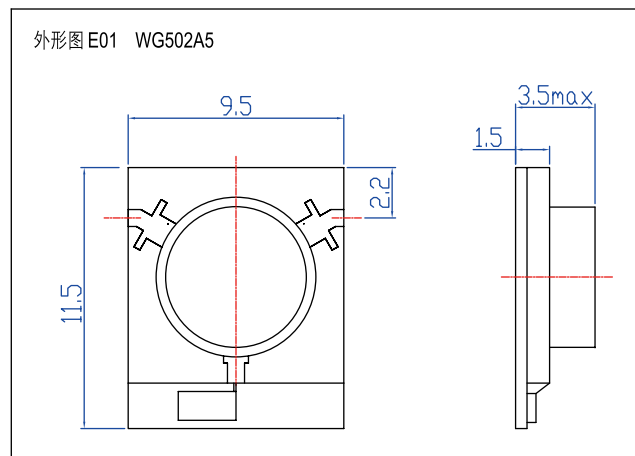
微带系列（双节）Micro-strip Series (Dual-junction)

Outline Drawing 外形图	Part Number 产品型号	Frequency Range (GHz) 适用频率	Insertion Loss (dB Max) 正向损耗	Isolation (dB Min) 反向隔离	VSWR (Max) 驻波系数	Operating Temperature (℃) 工作温度	Load Power (W) 负载功率	Connector Type 连接方式
E36/E37	WH502AS5/ WH502AS6	5.1-5.7	0.5(2->3)	20(3->2)	1.3	-55 ~ +85	10	GWB
			1.0(3->1)	38(1->3)				
E38	WH502AS7	5.2-5.7	0.4(1->2)	20(2->1)	1.25	-55 ~ +85	10	GWB
			0.7(2->3)	39(3->2)				
E39	WH902AS10	8-12	0.6(2->1)	16(1->3)	1.3	-55 ~ +85	20	GWB
			1.2(3->2)	30(2->3)				
E40	WH1202AS1	11.5-13.5	0.6(1->2)	18(2->1)	1.3	-55 ~ +85	10	GWB
			1.1(2->3)	30(3->2)				
E41	WH1502AS4-1	15.5-17.9	0.65(2->1)	18(1->2)	1.3	-55 ~ +85	10	GWB
			1.1(1->3)	30(3->1)				
E42/E43	WH1502AS8/ WH1502AS12	15.7-17.7	0.6(1->2)	18(2->1)	1.3	-55 ~ +85	20	GWB
			1.1(2->3)	30(3->2)				
E44	WH1502AS10/ WH1502AS14	14.5-16	0.6(1->2)	17(2->1)	1.3	-55 ~ +85	10	GWB
			1.2(2->3)	30(3->2)				
E45/E46	WH1502AS18	14-18	0.8(1->2)	15(2->1)	1.45	-55 ~ +85	20	GWB
			1.5(2->3)	30(3->2)				
E47	WH1602AS	16.4-17.2	0.5(1->2)	23(2->1)	1.25	-55 ~ +85	10	GWB
			0.9(2->3)	23(3->1)				

备注：以上均为室温下(25℃±5℃)电性能指标
Note: All the specifications above are at room temperature(25℃±5℃)

微带系列 Micro-strip Series

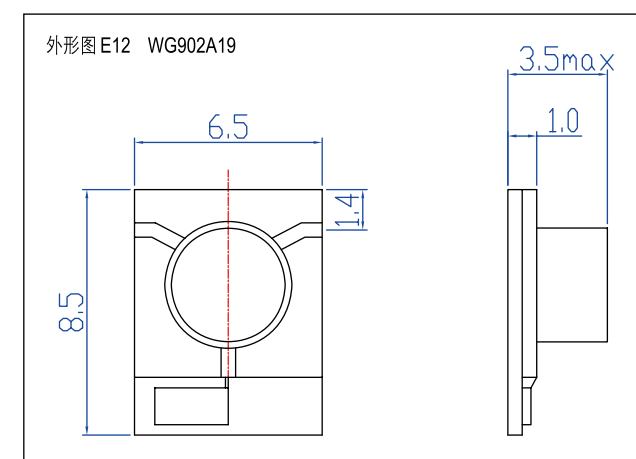
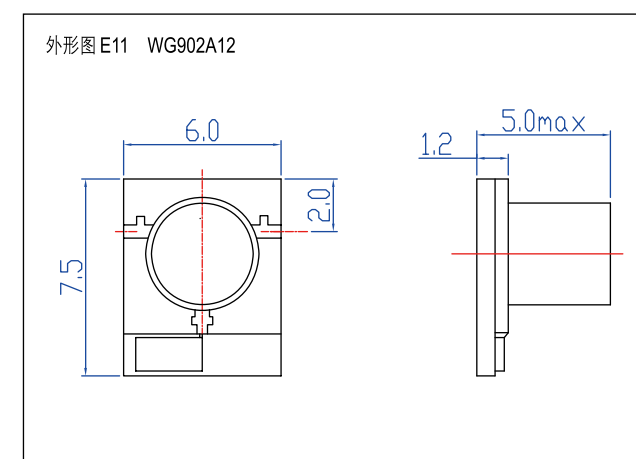
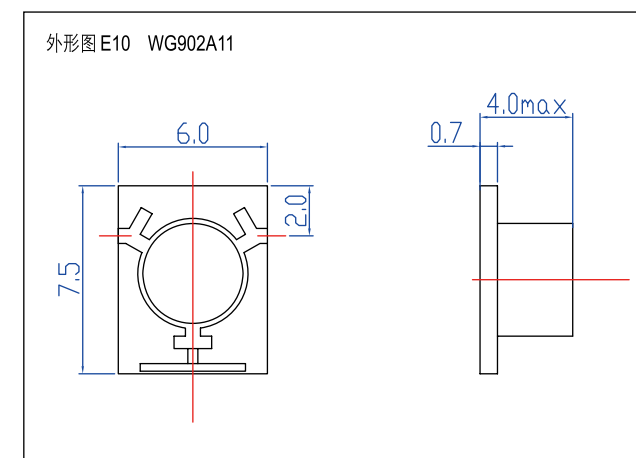
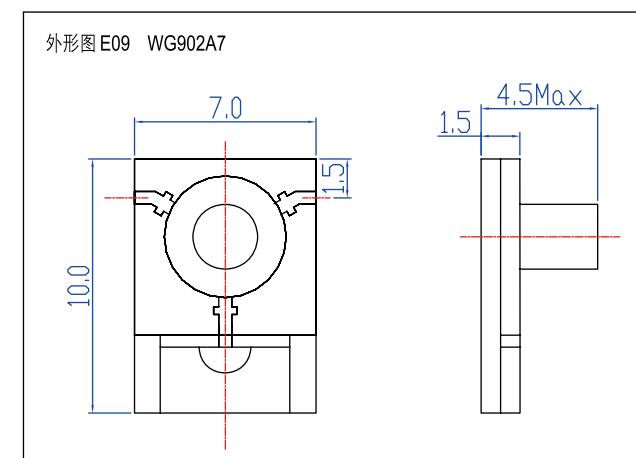
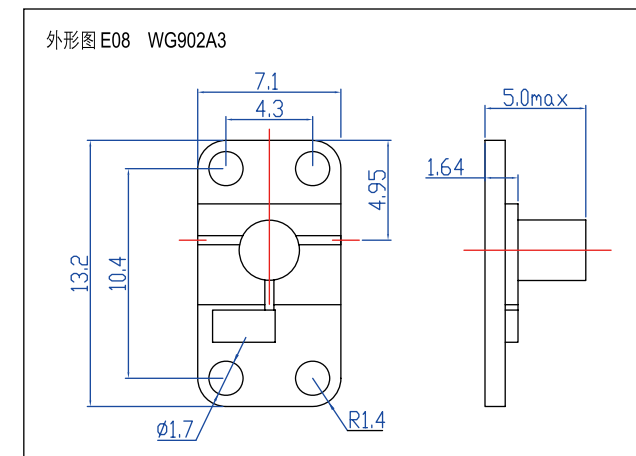
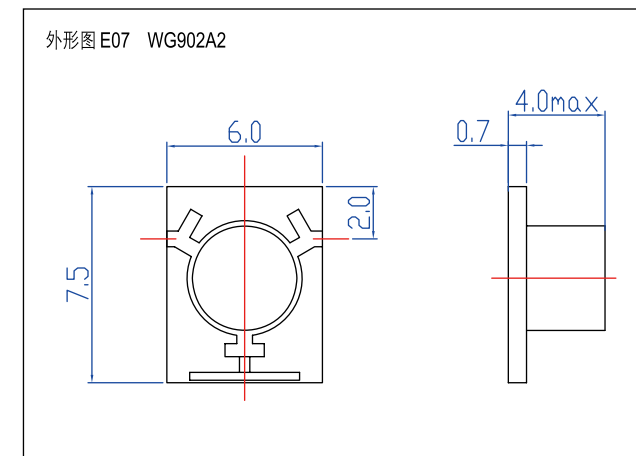
产品外形图 Products Outline Drawing



备注：所有标注尺寸单位均为毫米
 Note: All dimensions are in mm

微带系列 Micro-strip Series

产品外形图 Products Outline Drawing

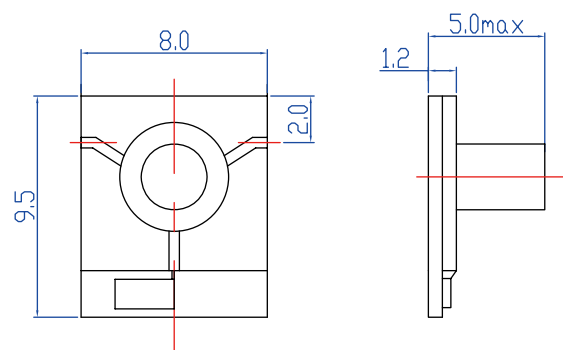


备注：所有标注尺寸单位均为毫米
 Note: All dimensions are in mm

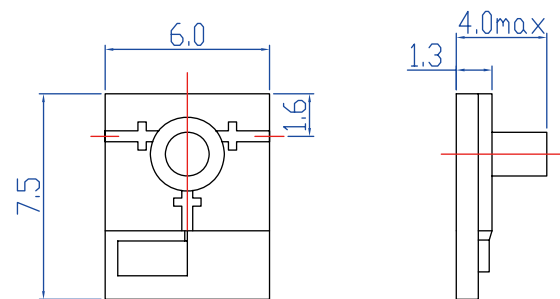
微带系列 Micro-strip Series

产品外形图 Products Outline Drawing

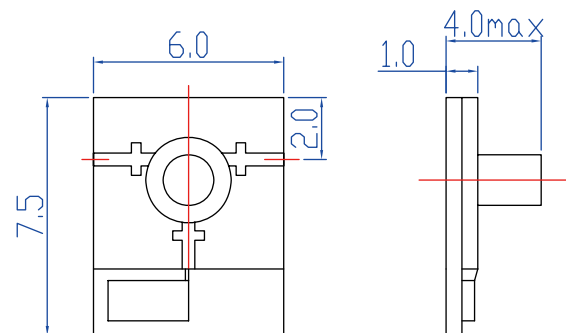
外形图 E13 WG1202A



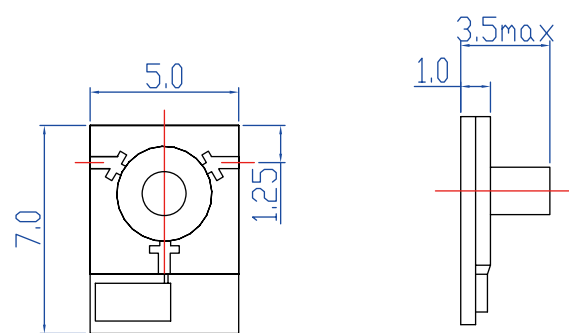
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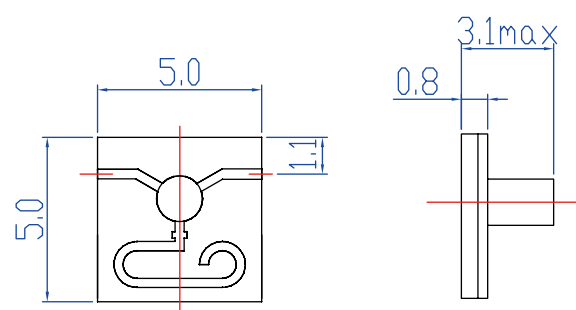
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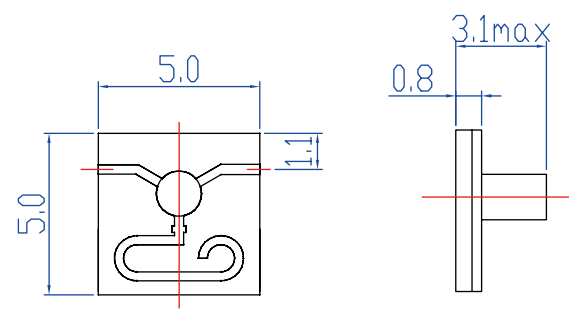
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外形图 E17 WG2002A



外形图 E18 WG2602A2

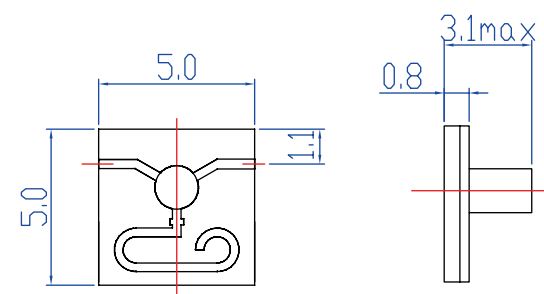


备注：所有标注尺寸单位均为毫米
 Note: All dimensions are in mm

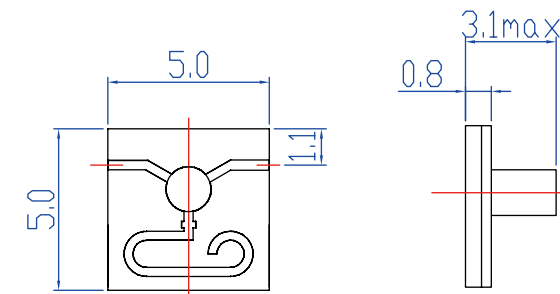
微带系列 Micro-strip Series

产品外形图 Products Outline Drawing

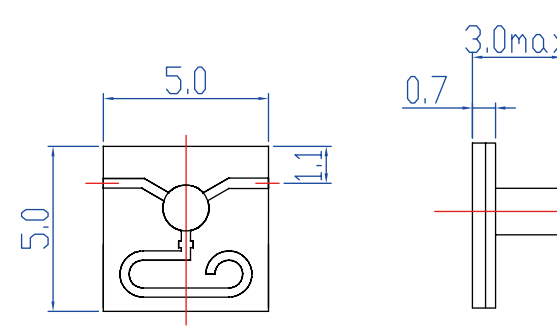
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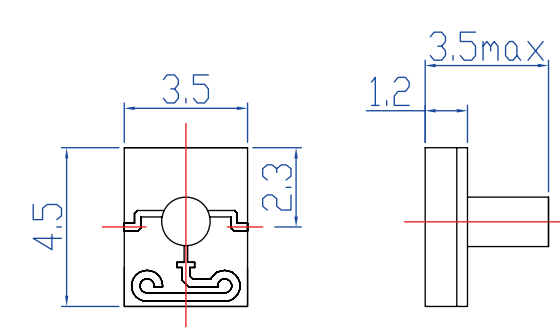
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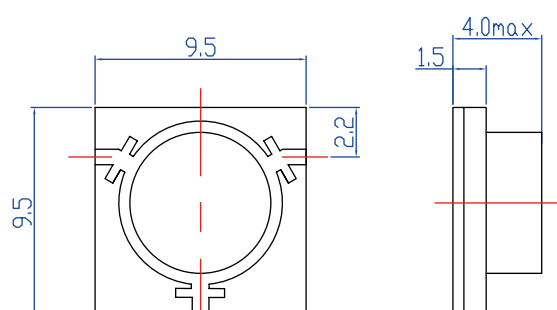
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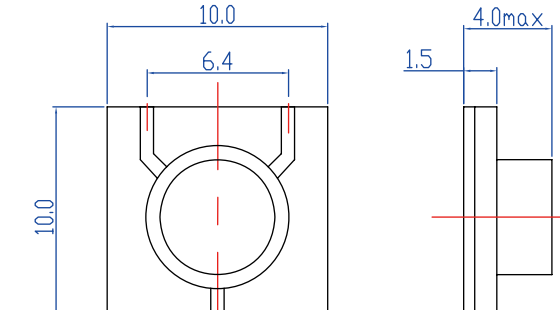
外形图 E22 WG4002A



外形图 E23 WH502A2



外形图 E24 WH502A3

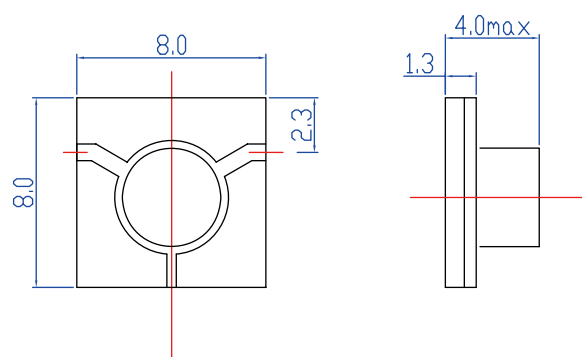


备注：所有标注尺寸单位均为毫米
 Note: All dimensions are in mm

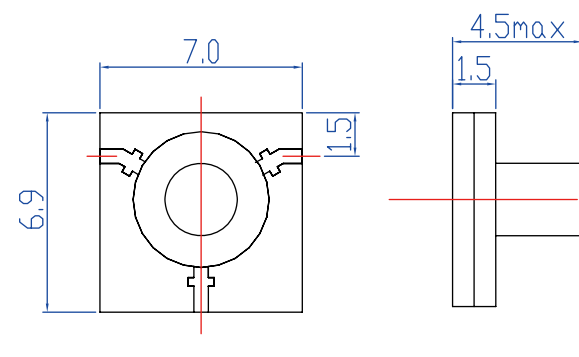
微带系列 Micro-strip Series

产品外形图 Products Outline Drawing

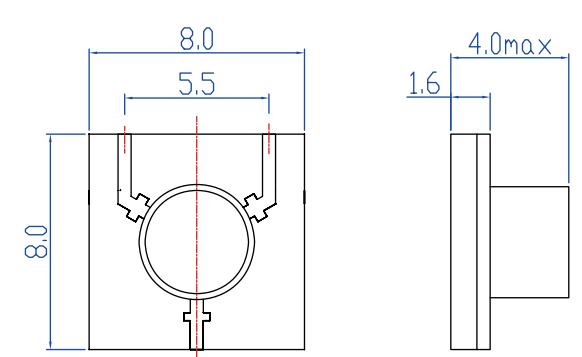
外形图 E25 WH702A1



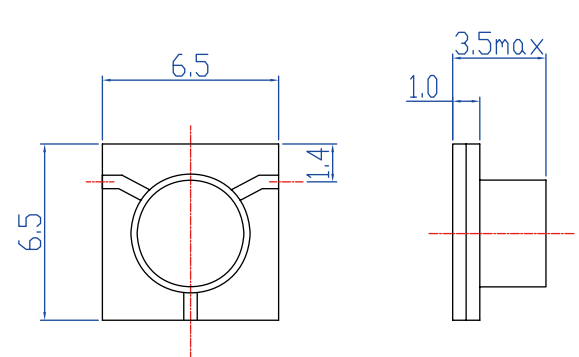
外形图 E26 WH902A2



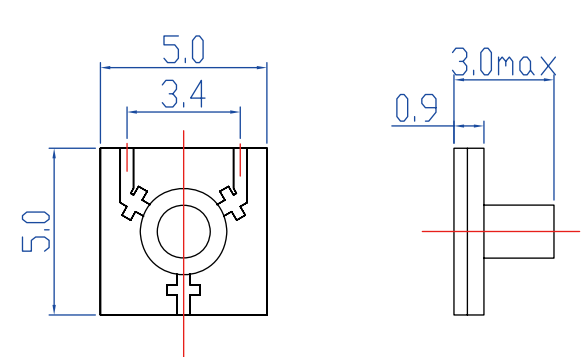
外形图 E27 WH902A3



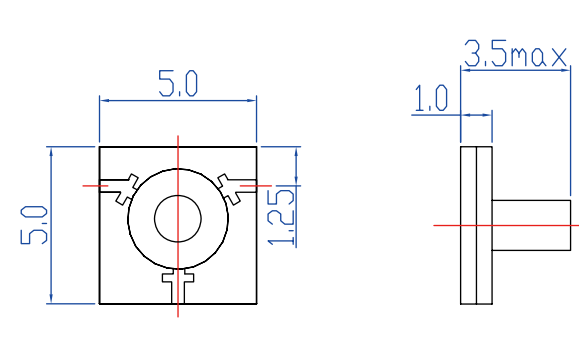
外形图 E28 WH902A5



外形图 E29 WH1502A6



外形图 E30 WH1502A9

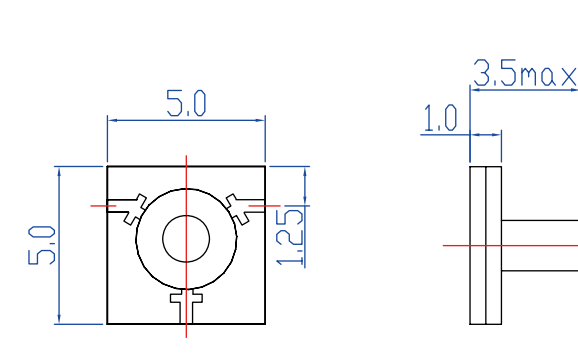


备注：所有标注尺寸单位均为毫米
 Note: All dimensions are in mm

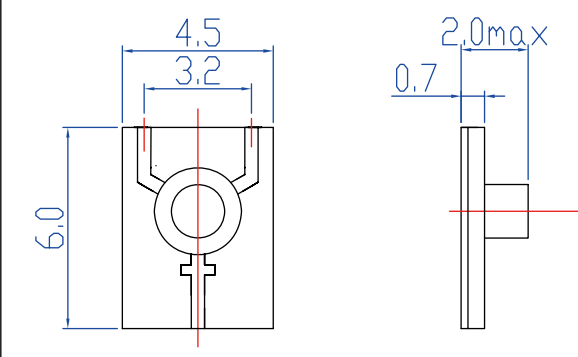
微带系列 Micro-strip Series

产品外形图 Products Outline Drawing

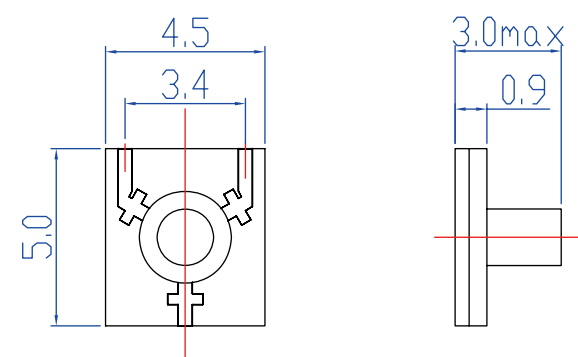
外形图 E31 WH1502A18



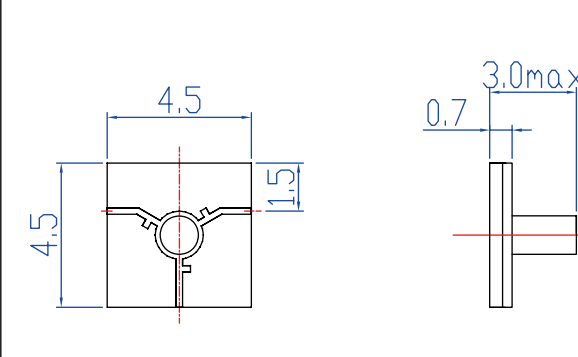
外形图 E32 WH2002A



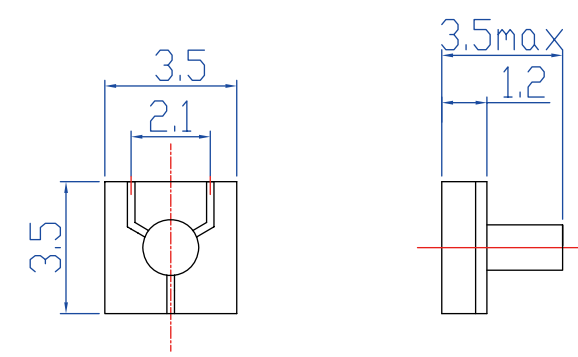
外形图 E33 WH2602A2



外形图 E34 WH3002A2



外形图 E35 WH3002A3

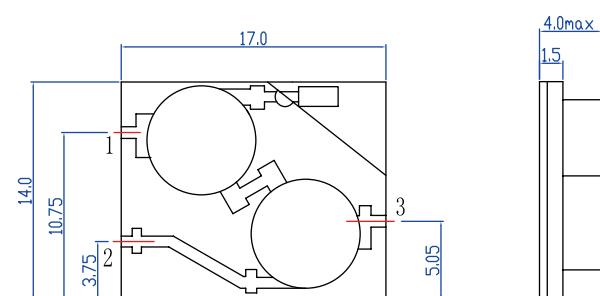


备注：所有标注尺寸单位均为毫米
 Note: All dimensions are in mm

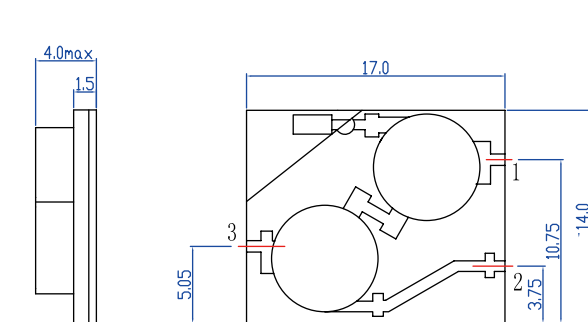
微带系列 Micro-strip Series

产品外形图 Products Outline Drawing

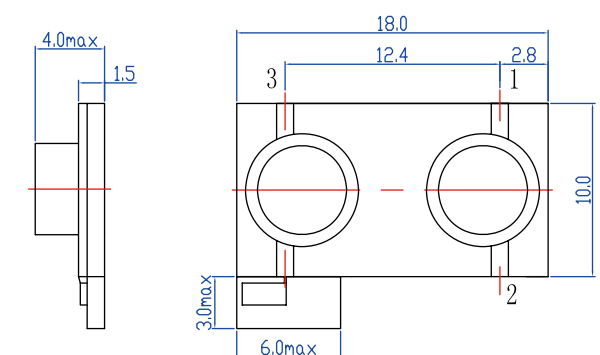
外形图 E36 WH502AS5



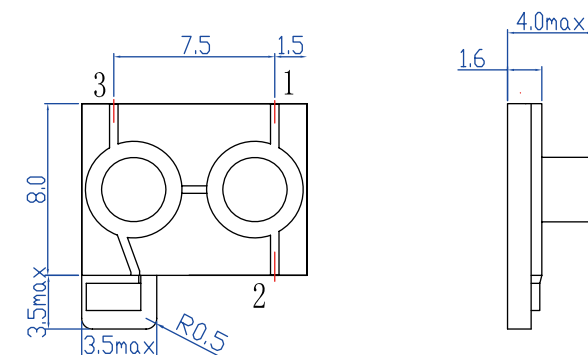
外形图 E37 WH502AS6



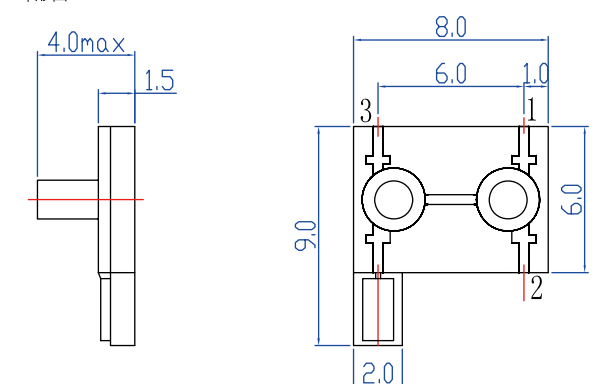
外形图 E38 WH502AS7



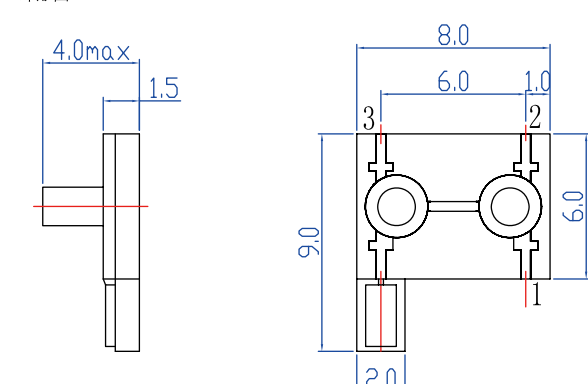
外形图 E39 WH902AS10



外形图 E40 WH1202AS1



外形图 E41 WH1502AS4-1

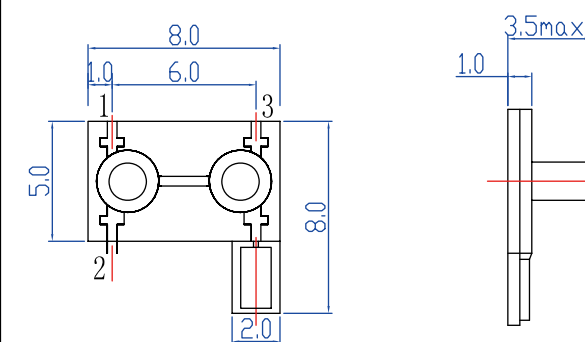


备注：所有标注尺寸单位均为毫米
 Note: All dimensions are in mm

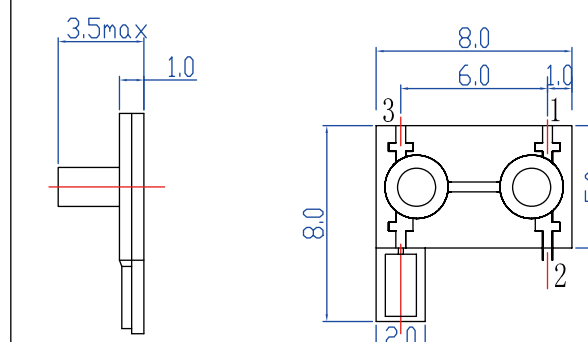
微带系列 Micro-strip Series

产品外形图 Products Outline Drawing

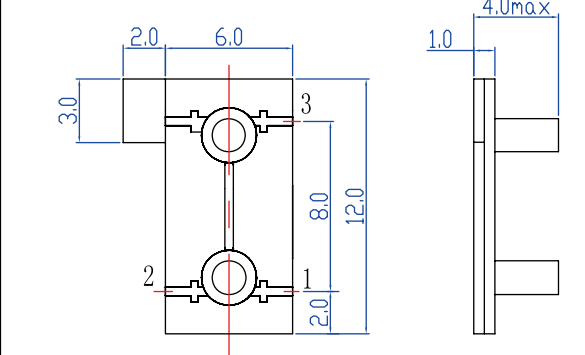
外形图 E42 WH1502AS8



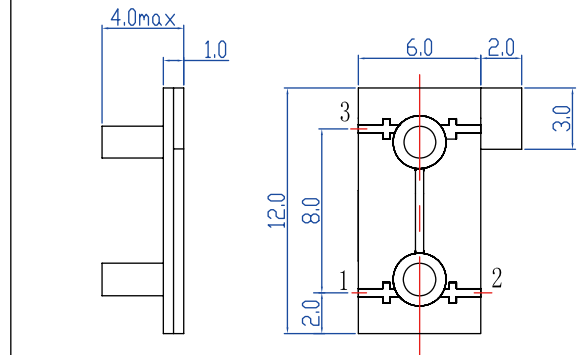
外形图 E43 WH1502AS12



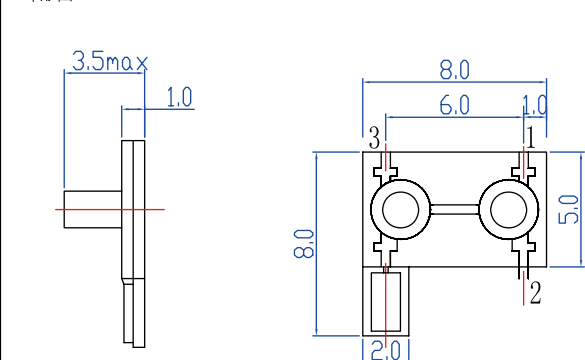
外形图 E44 WH1502AS10



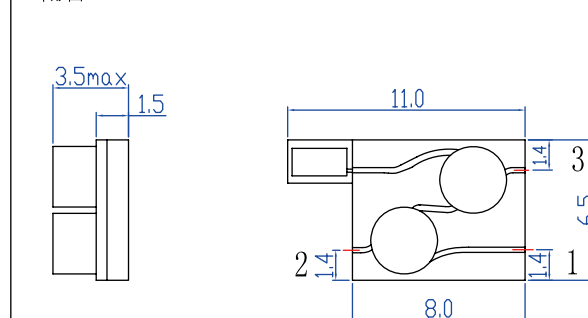
外形图 E45 WH1502AS14



外形图 E46 WH1502AS18



外形图 E47 WH1602AS



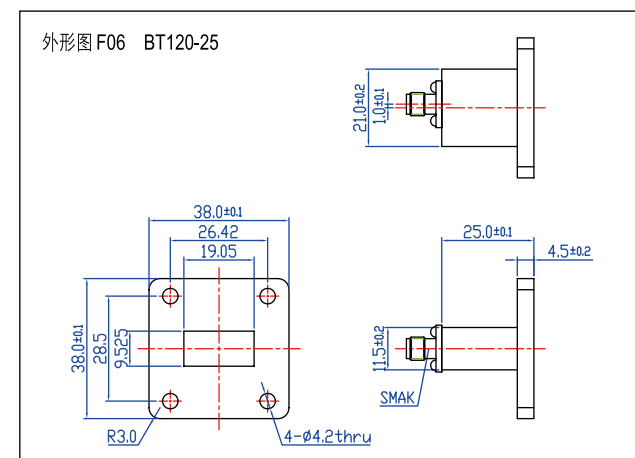
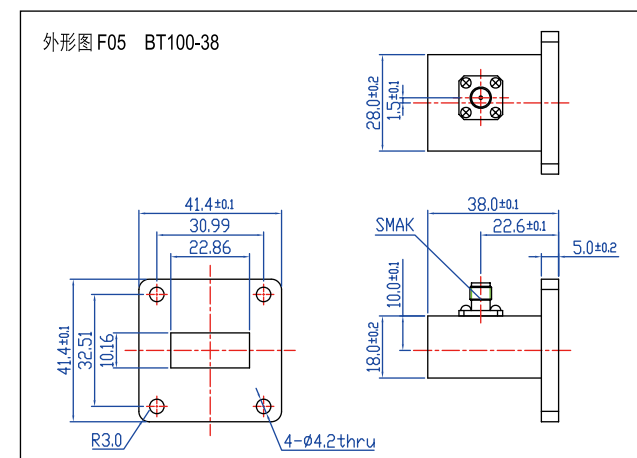
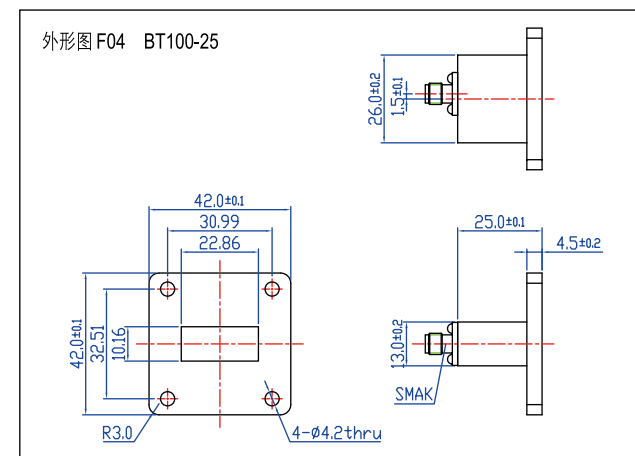
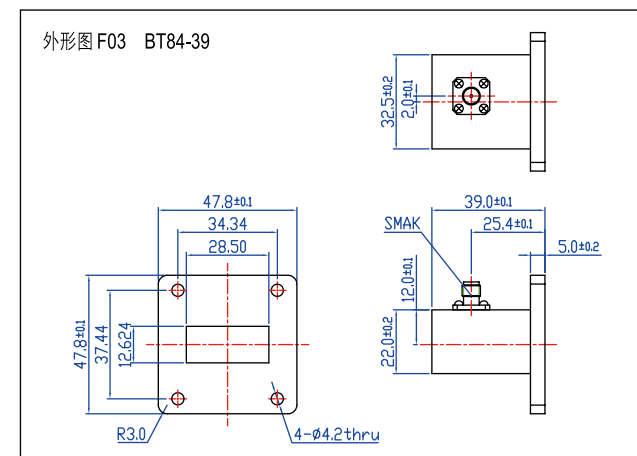
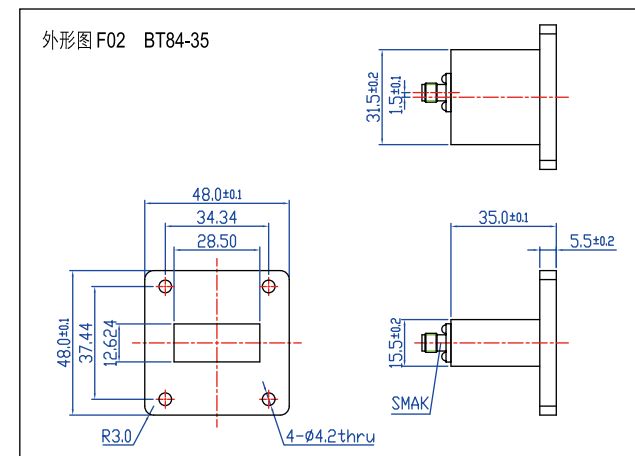
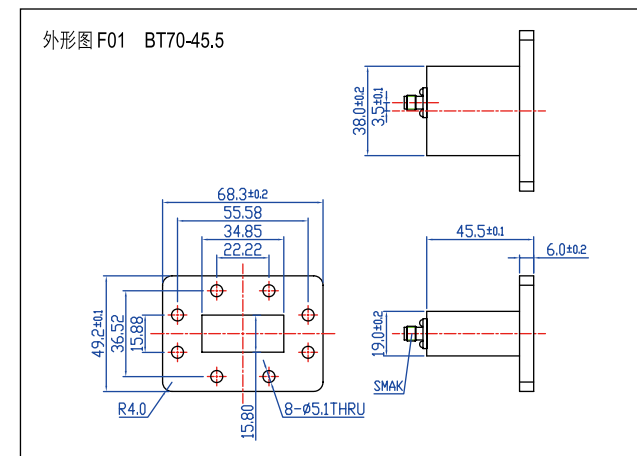
备注：所有标注尺寸单位均为毫米
 Note: All dimensions are in mm

波导同轴转换系列 Waveguide-Coaxial Adaptor Series

Outline Drawing 外形图	Part Number 产品型号	Frequency Range (GHz) 适用频率	Relative Bandwidth (GHz) 相对带宽	Insertion Loss (dB Max) 正向损耗	VSWR (Max) 驻波系数	Operating Temperature (°C) 工作温度	Connector Type 连接方式
F01	BT70-45.5	5.38-8.18	10%	0.1	1.2	-40 ~ +85	WR137-SMAK
F02	BT84-35	6.58-10.0	10%	0.1	1.2	-40 ~ +85	WR112-SMAK
F03	BT84-39	6.58-10.0	30%	0.1	1.2	-40 ~ +85	WR112-SMAK
F04	BT100-25	8.20-12.5	10%	0.1	1.2	-40 ~ +85	WR90-SMAK
F05	BT100-38	8.20-12.5	40%	0.1	1.2	-40 ~ +85	WR90-SMAK
F06	BT120-25	9.48-15.0	10%	0.1	1.2	-40 ~ +85	WR75-SMAK
F07	BT120-28.5	9.48-15.0	40%	0.1	1.2	-40 ~ +85	WR75-SMAK
F08	BT140-20	11.9-18.0	10%	0.1	1.2	-40 ~ +85	WR62-SMAK
F09	BT140-24	11.9-18.0	40%	0.1	1.2	-40 ~ +85	WR62-SMAK
F10	BT220-26	17.6-26.7	35%	0.1	1.2	-40 ~ +85	WR42-SMAK
F11	BT320-12.7	26.4-40.1	5%	0.1	1.25	-40 ~ +85	WR28-K

波导同轴转换系列 Waveguide-Coaxial Adaptor Series

产品外形图 Products Outline Drawing

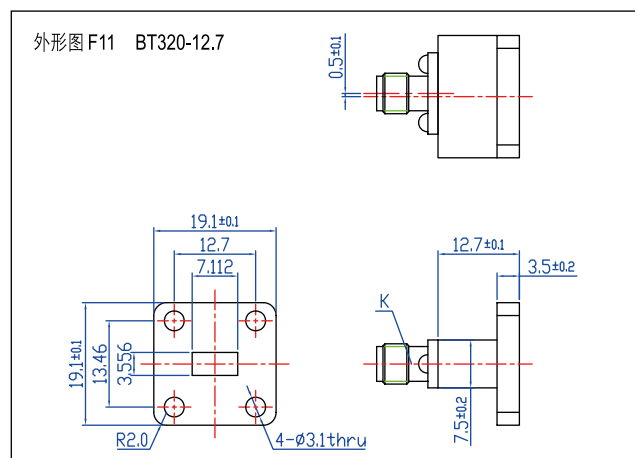
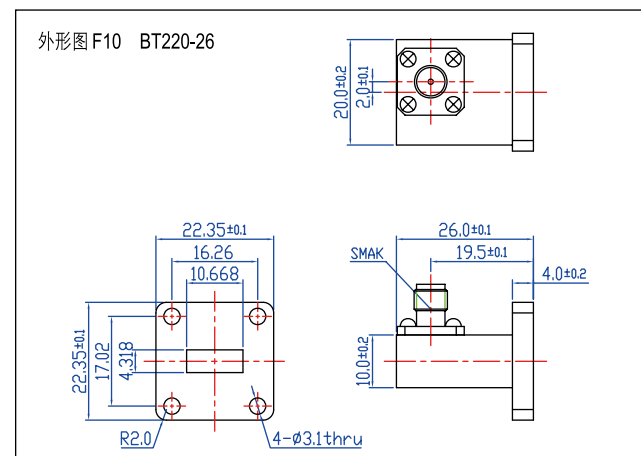
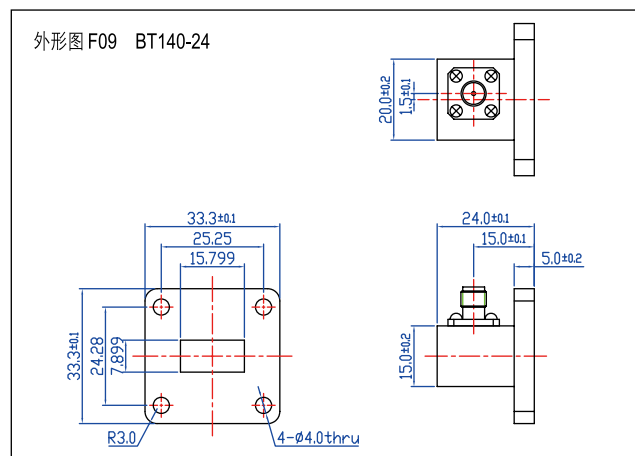
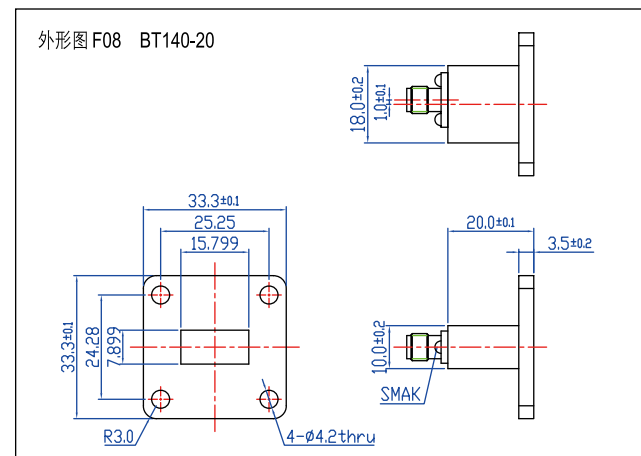
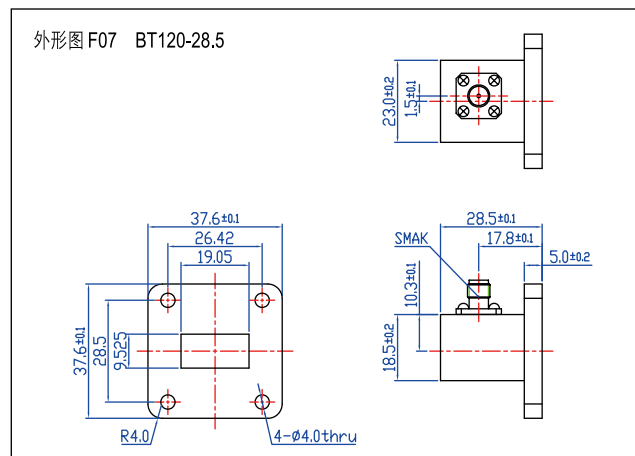


备注：以上均为室温下(25°C ± 5°C)电性能指标
Note: All the specifications above are at room temperature(25°C ± 5°C)

备注：所有标注尺寸单位均为毫米
Note: All dimensions are in mm

波导同轴转换系列 Waveguide-Coaxial Adaptor Series

产品外形图 Products Outline Drawing



备注：所有标注尺寸单位均为毫米
Note: All dimensions are in mm

波导同轴转换隔离器系列 Waveguide-Coaxial Adaptor Isolator Series

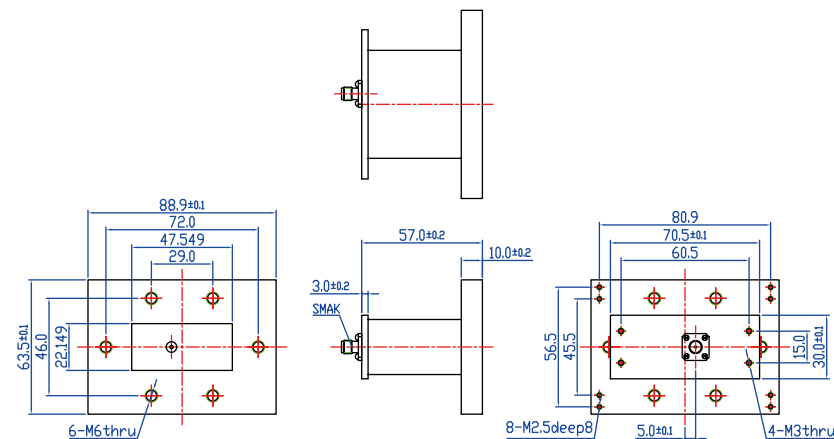
Outline Drawing 外形图	Part Number 产品型号	Frequency Range (GHz) 适用频率	Relative Bandwidth (GHz) 相对带宽	Insertion Loss (dB Max) 正向损耗	Isolation (dB Min) 反向隔离	VSWR (Max) 驻波系数	Operating Temperature (°C) 工作温度	Connector Type 连接方式
G01	BTG48-57S	3.94-5.99	10%	0.5	20	1.25	-40 ~ +85	WR187
G02	BTG84-50	6.58-10.0	10%	0.5	20	1.20	-40 ~ +85	WR112
G03	BTG100-36	8.20-12.5	10%	0.5	20	1.20	-40 ~ +85	WR90
G04	BTG120-36	9.48-15.0	10%	0.5	20	1.20	-40 ~ +85	WR75
G05	BTG120-30.2	9.48-15.0	15%	0.4	20	1.20	-40 ~ +85	WR75
G06	BTG140-30	11.9-18.0	15%	0.4	20	1.20	-40 ~ +85	WR62

备注：以上均为室温下(25°C ± 5°C)电性能指标
Note: All the specifications above are at room temperature (25°C ± 5°C)

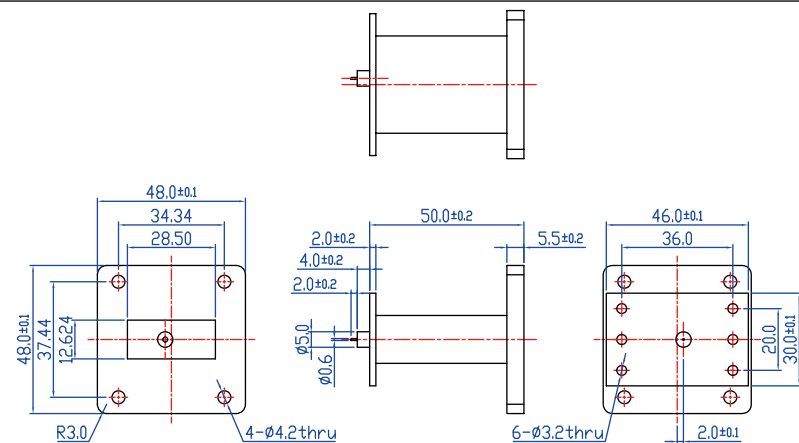
波导同轴转换隔离器系列 Waveguide-Coaxial Adaptor Isolator Series

产品外形图 Products Outline Drawing

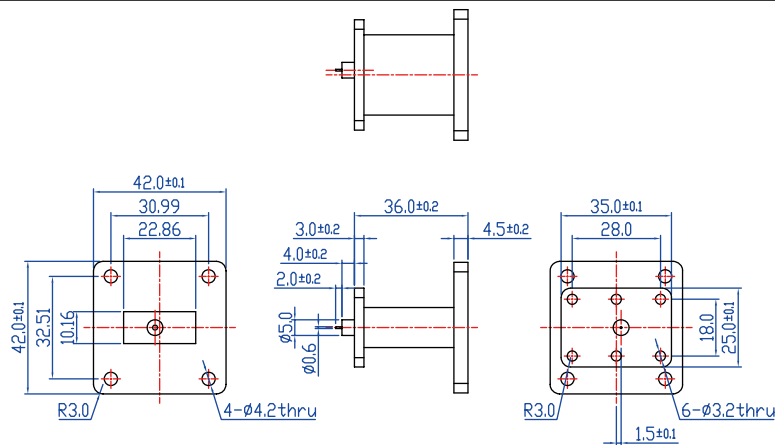
外形图 G01 BTG48-57S



外形图 G02 BTG84-50



外形图 G03 BTG100-36

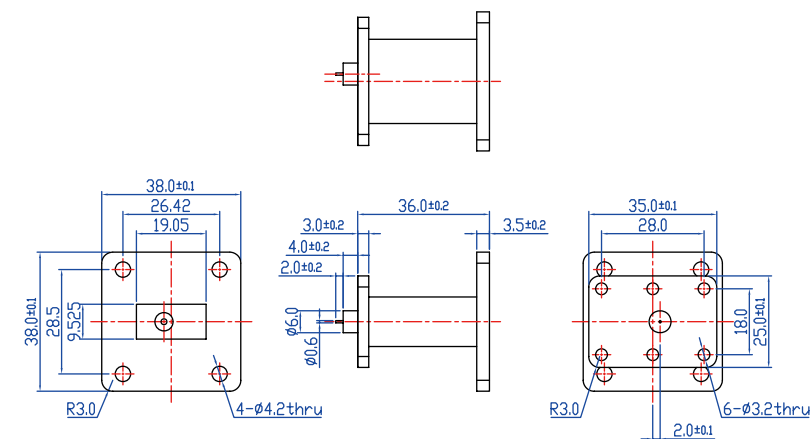


备注：所有标注尺寸单位均为毫米
 Note: All dimensions are in mm

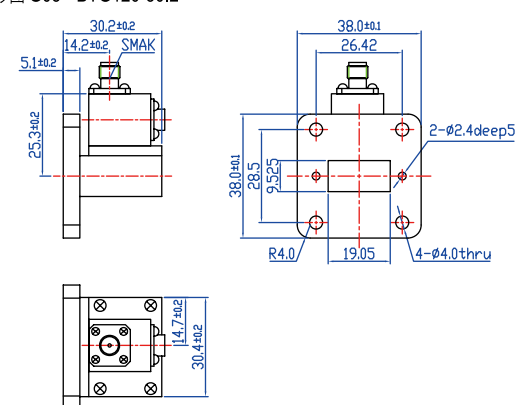
波导同轴转换隔离器系列 Waveguide-Coaxial Adaptor Isolator Series

产品外形图 Products Outline Drawing

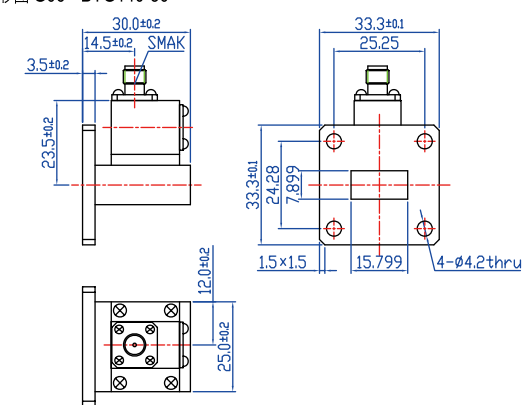
外形图 G04 BTG120-36



外形图 G05 BTG120-30.2



外形图 G06 BTG140-30



备注：所有标注尺寸单位均为毫米
 Note: All dimensions are in mm

双节系列 Dual-junction Series

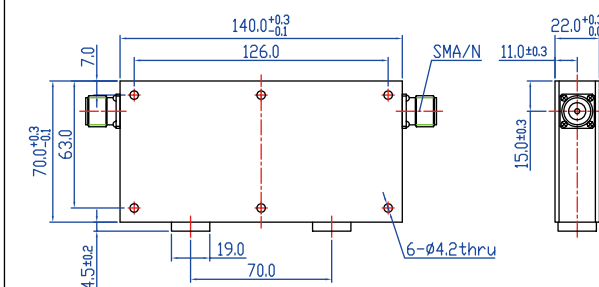
Outline Drawing 外形图	Part Number 产品型号	Frequency Range (GHz) 适用频率	Relative Bandwidth 相对带宽	Insertion Loss (dB Max) 正向损耗	Isolation (dB Min) 反向隔离	VSWR (Max) 驻波系数	Operating Temperature (°C) 工作温度	Load Power (W) 负载功率	Connector Type 连接方式
H01	TG0101AS	0.14-0.25	5%	1.2	36	1.3	0 ~ +60	10	SMA/N
H02	TH0101AS	0.14-0.25	5%	1.2	36	1.3	0 ~ +60	/	SMA/N
H03	TG0301S-100	0.25-0.50	10%	0.8	40	1.25	-15 ~ +60	10	SMA/N
H04	TH0301S-100	0.25-0.50	10%	0.8	40	1.25	-15 ~ +60	/	SMA/N
H05	TG0701S	0.5-1.0	10%	0.8	46	1.2	-30 ~ +70	10	SMA/N
H06	TH0701S	0.5-1.0	10%	0.8	46	1.2	-30 ~ +70	/	SMA/N
H07	TG101S	0.8-1.4	10%	0.6	46	1.2	-40 ~ +85	10	SMA/N
H08	TH101S	0.8-1.4	10%	0.6	46	1.2	-40 ~ +85	/	SMA/N
H09	TG101AS	1.2-2.5	10%	0.6	46	1.2	-40 ~ +85	10	SMA/N
H10	TH101AS	1.2-2.5	10%	0.6	46	1.2	-40 ~ +85	/	SMA/N
H11	TG201FS	2.0-4.0	10%	0.8	46	1.2	-30 ~ +70	10	SMA
H12	TH201FS	2.0-4.0	10%	0.8	46	1.2	-30 ~ +70	/	SMA
H13	TG601S	3.5-8.0	10%	0.8	46	1.2	-40 ~ +70	10	SMA
H14	TH401AS	3.5-8.0	10%	0.8	46	1.2	-40 ~ +70	/	SMA
H15	TG1201S	7-20	10%	0.8	40	1.25	-40 ~ +70	5	SMA
H16	TH801S1	7-20	10%	0.8	40	1.25	-40 ~ +70	/	SMA

备注：以上均为室温下(25°C ± 5°C)电性能指标
Note: All the specifications above are at room temperature(25°C ± 5°C)

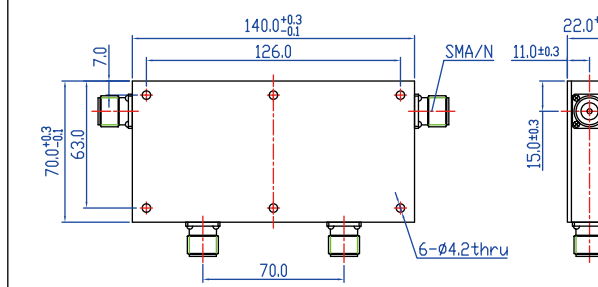
双节系列 Dual-junction Series

产品外形图 Products Outline Drawing

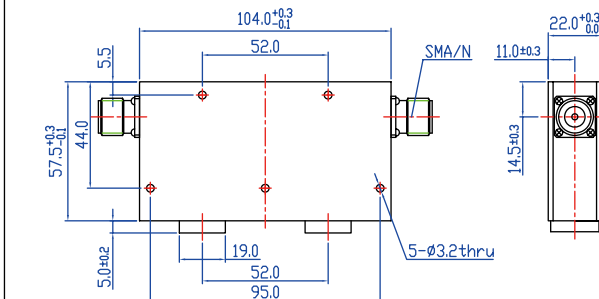
外形图 H01 TG0101AS



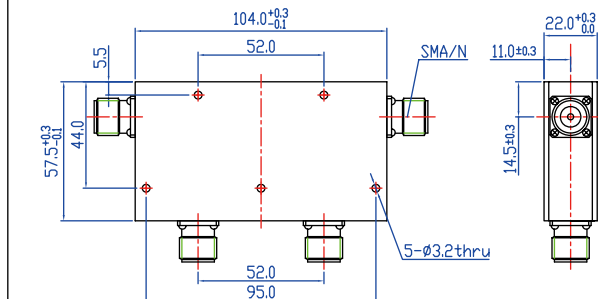
外形图 H02 TH0101AS



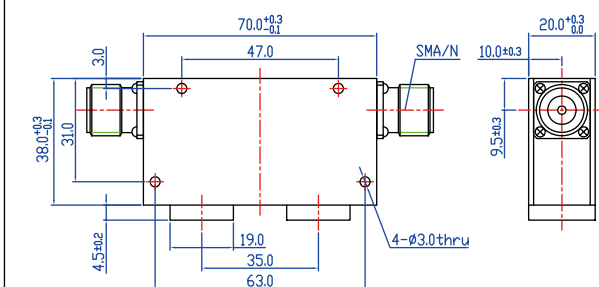
外形图 H03 TG0301S-100



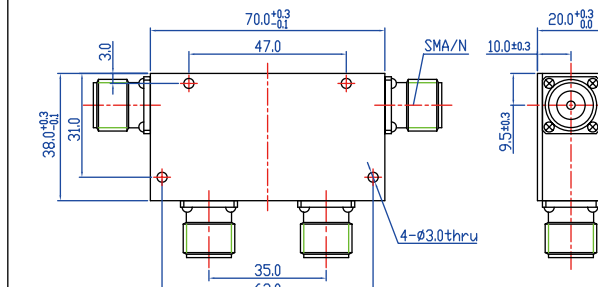
外形图 H04 TH0301S-100



外形图 H05 TG0701S



外形图 H06 TH0701S

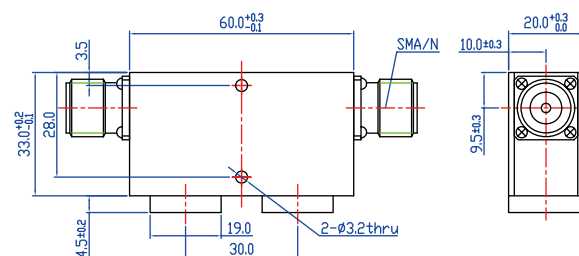


备注：所有标注尺寸单位均为毫米
Note: All dimensions are in mm

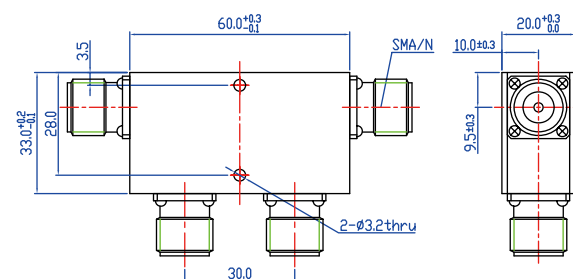
双节系列 Dual-junction Series

产品外形图 Products Outline Drawing

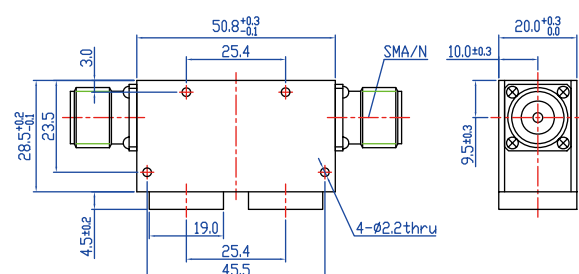
外形图 H07 TG101S



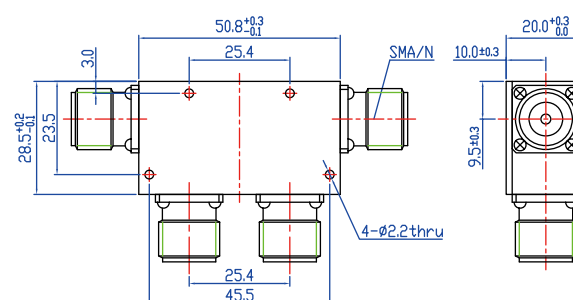
外形图 H08 TH101S



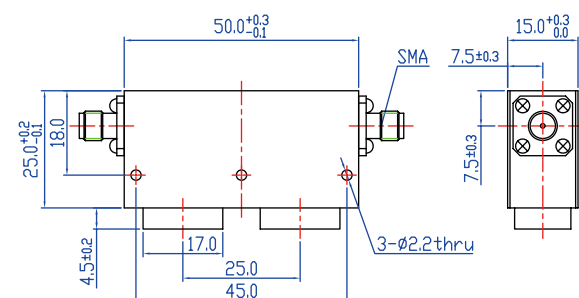
外形图 H09 TG101AS



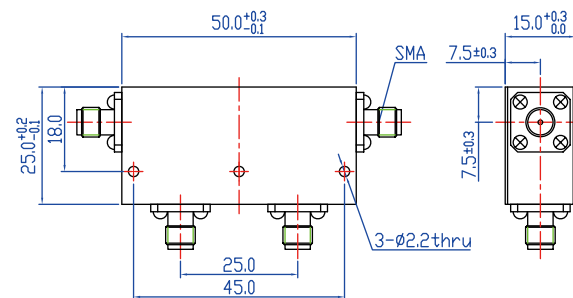
外形图 H10 TH101AS



外形图 H11 TG201FS



外形图 H12 TH201FS

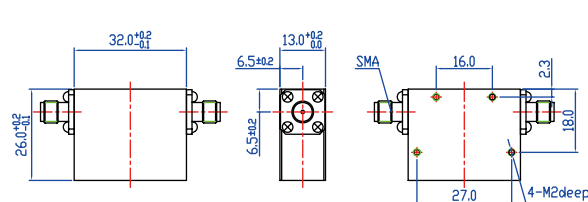


备注：所有标注尺寸单位均为毫米
 Note: All dimensions are in mm

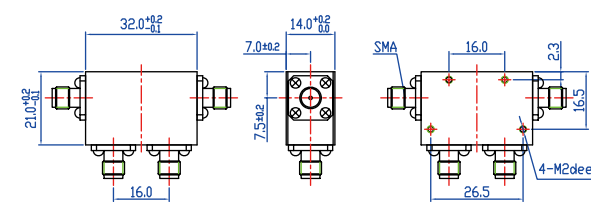
双节系列 Dual-junction Series

产品外形图 Products Outline Drawing

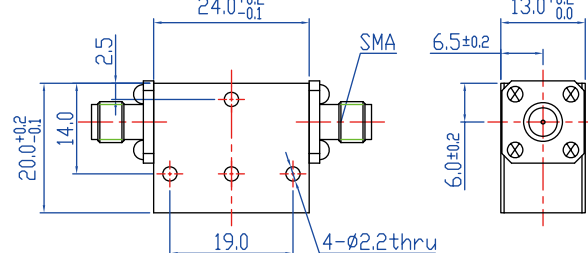
外形图 H13 TG601S



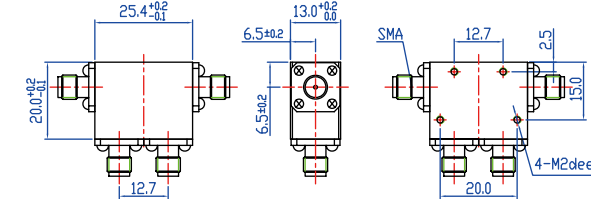
外形图 H14 TH401AS



外形图 H15 TG1201S



外形图 H16 TH801S1



备注：所有标注尺寸单位均为毫米
 Note: All dimensions are in mm

宽带系列 Broadband Series

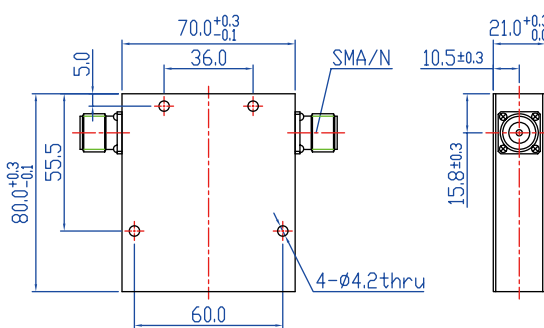
Outline Drawing 外形图	Part Number 产品型号	Frequency Range (GHz) 适用频率	Insertion Loss (dB Max) 正向损耗	Isolation (dB Min) 反向隔离	VSWR (Max) 驻波系数	Operating Temperature (°C) 工作温度	Load Power (W) 负载功率	Connector Type 连接方式
I01	TG201J	1-2	0.7	16	1.4	0 ~ +60	10	SMA/N
I02	TH201J	1-2	0.7	15	1.4	0 ~ +60	/	SMA/N
I03	TG201-C2	1.35-2.7	0.6	17	1.35	0 ~ +60	10	SMA
I04	TH201-C2	1.35-2.7	0.6	17	1.35	0 ~ +60	/	SMA
I05	TG301A	2-4	0.6	18	1.4	-30 ~ +70	10	SMA/N
I06	TG302D	2-4	0.6	18	1.4	-30 ~ +70	10	TAB
I07	TH301A	2-4	0.6	16	1.4	-30 ~ +70	/	SMA/N
I08	TH302D	2-4	0.6	16	1.4	-30 ~ +70	/	TAB
I09	TG501B	2-6	1.2	15	1.5	0 ~ +60	10	SMA/N
I09	TG501B	2-8	1.5	12	1.8	0 ~ +60	10	SMA/N
I10	TG501H	3-6	0.6	17	1.4	-30 ~ +70	10	SMA
I11	TH501H	3-6	0.6	16	1.4	-30 ~ +70	/	SMA
I12	TG601K	4-8	0.6	18	1.3	-30 ~ +70	10	SMA
I13	TG402H2	4-8	0.6	14	1.5	-30 ~ +70	10	TAB
I14	TH601K	4-8	0.6	18	1.3	-30 ~ +70	/	SMA
I12	TG601K	5-10	0.6	18	1.3	-30 ~ +70	10	SMA
I14	TH601K	5-10	0.6	18	1.3	-30 ~ +70	/	SMA
I15	TG901K	6-12	0.6	18	1.4	-40 ~ +70	5	SMA
I16	TH901K	6-12	0.6	16	1.4	-40 ~ +70	/	SMA
I17	TG801F8	8-12	0.5	20	1.25	-40 ~ +70	5	SMA
I18	TG1002K	8-12	0.6	18	1.3	-40 ~ +70	5	TAB
I19	TH701A	8-12	0.5	20	1.25	-40 ~ +70	/	SMA
I17	TG801F8	10-15	0.5	20	1.25	-40 ~ +70	5	SMA
I18	TG1002K	10-15	0.6	18	1.3	-40 ~ +70	5	TAB
I19	TH701A	10-15	0.5	20	1.25	-40 ~ +70	/	SMA
I17	TG801F8	12-18	0.6	18	1.35	-40 ~ +70	5	SMA
I20	TG1202	12-18	0.6	17	1.4	-40 ~ +70	5	TAB
I19	TH701A	12-18	0.6	18	1.35	-40 ~ +70	/	SMA
I21	TG1201A	8-18	0.8	17	1.4	-40 ~ +70	5	SMA
I22	TH1201A	8-18	0.8	16	1.5	-40 ~ +70	/	SMA
I23	TG1201K	6-18	1.5	11	1.9	-40 ~ +70	5	SMA
I24	TH1201K	6-18	1.5	10	1.9	-40 ~ +70	/	SMA

备注：以上均为室温下(25°C ± 5°C)电性能指标
Note: All the specifications above are at room temperature(25°C ± 5°C)

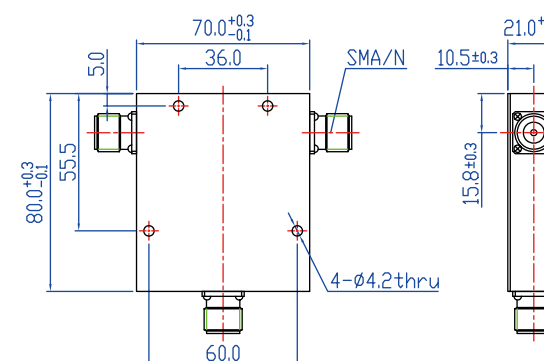
宽带系列 Broadband Series

产品外形图 Products Outline Drawing

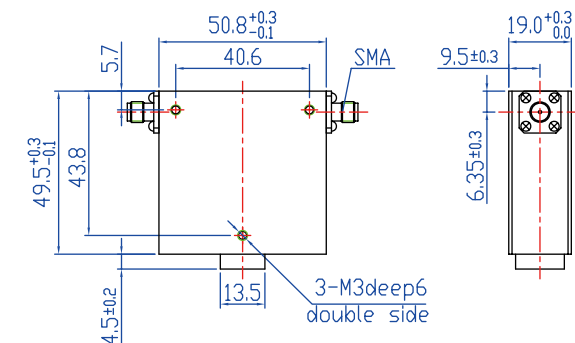
外形图 I01 TG201J



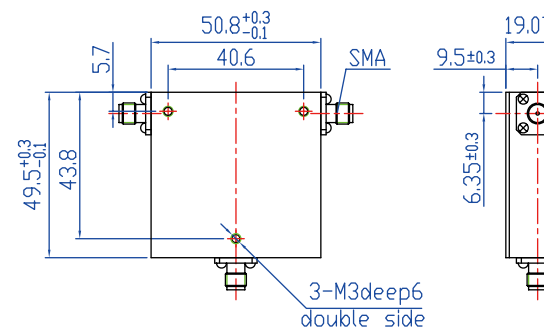
外形图 I02 TH201J



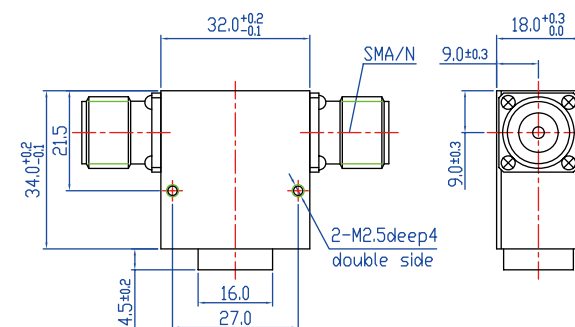
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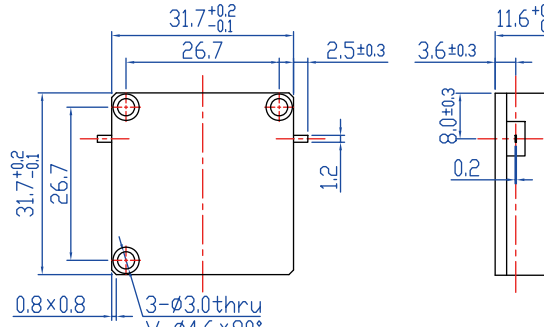
外形图 I04 TH201-C2



外形图 I05 TG301A



外形图 I06 TG302D

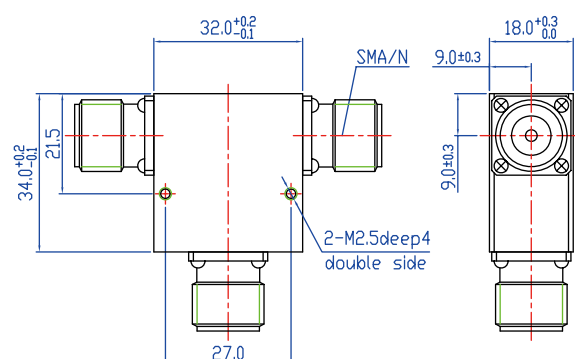


备注：所有标注尺寸单位均为毫米
Note: All dimensions are in mm

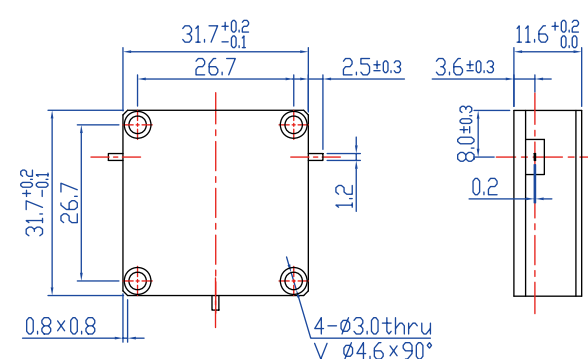
宽带系列 Broadband Series

产品外形图 Products Outline Drawing

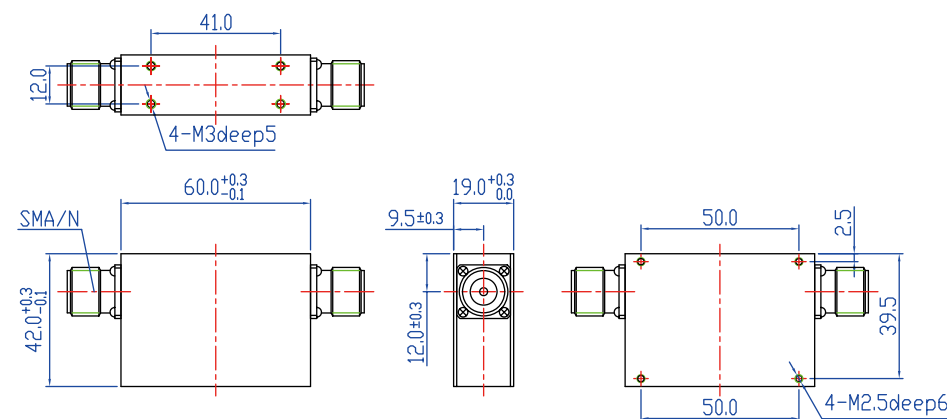
外形图 I07 TH301A



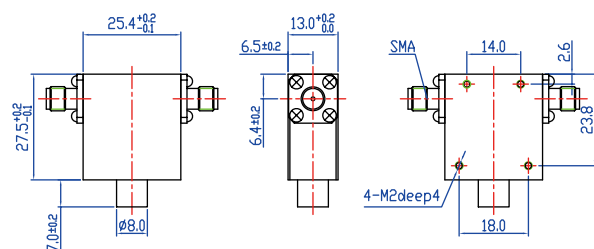
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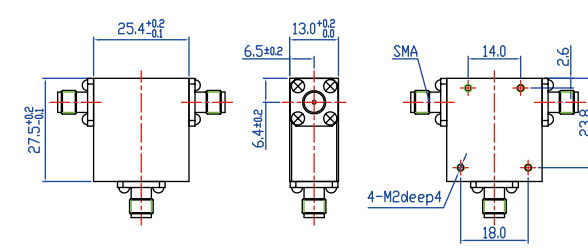
外形图 I09 TG501B



外形图 I10 TG501H



外形图 I11 TH501H

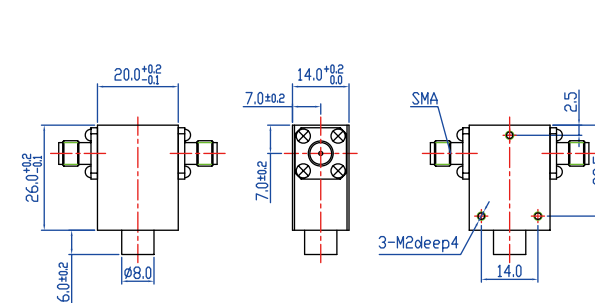


备注：所有标注尺寸单位均为毫米
 Note: All dimensions are in mm

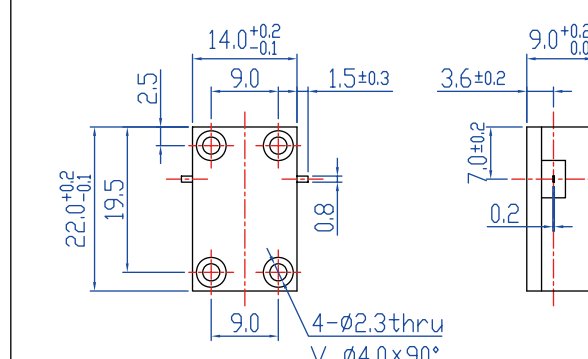
宽带系列 Broadband Series

产品外形图 Products Outline Drawing

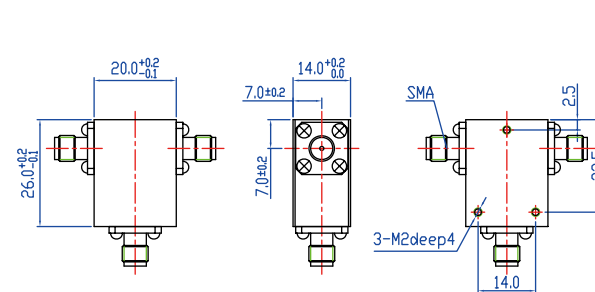
外形图 I12 TG601K



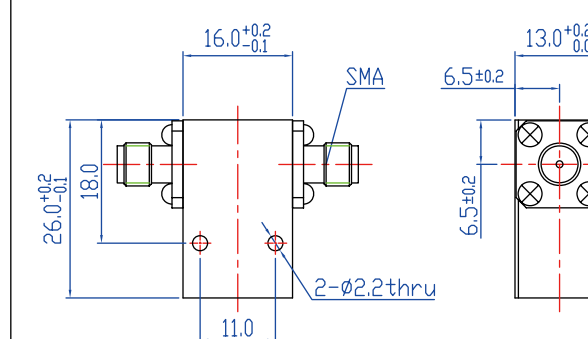
外形图 I13 TG402H2



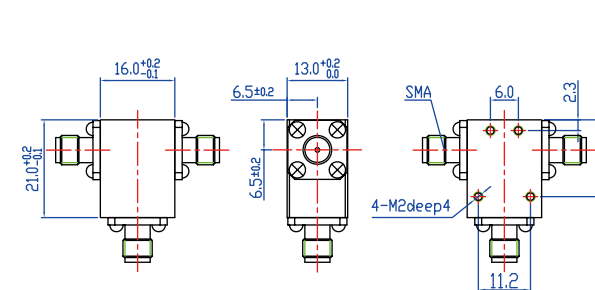
外形图 I14 TH601K



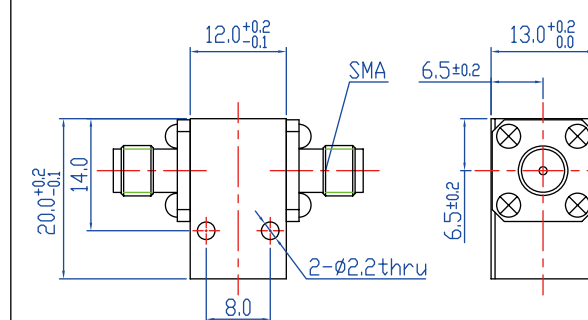
外形图 I15 TG901K



外形图 I16 TH901K



外形图 I17 TG801F8

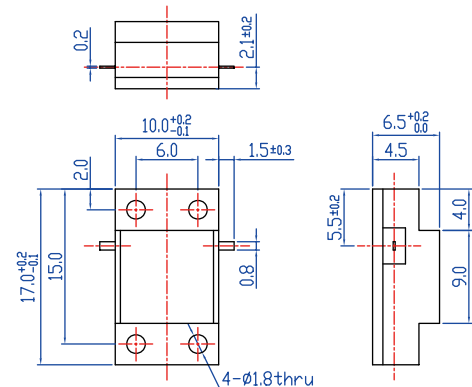


备注：所有标注尺寸单位均为毫米
 Note: All dimensions are in mm

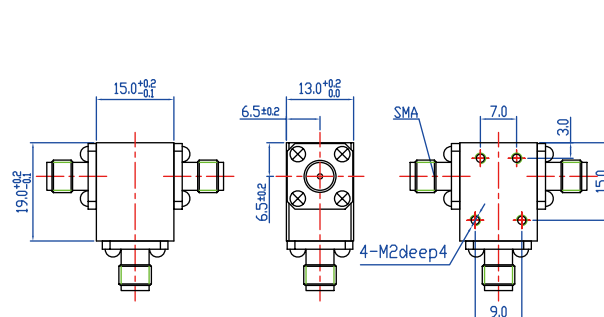
宽带系列 Broadband Series

产品外形图 Products Outline Drawing

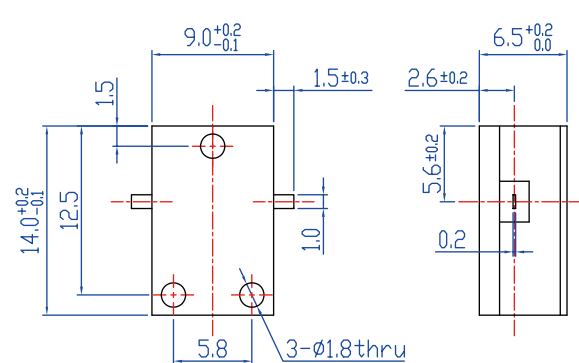
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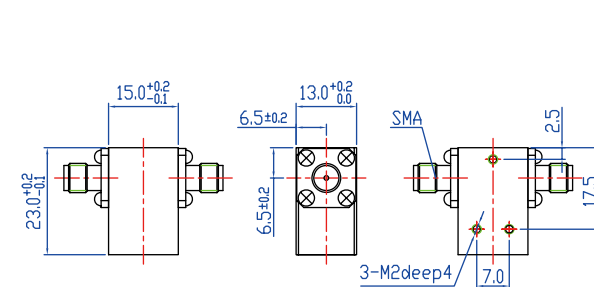
外形图 I19 TH701A



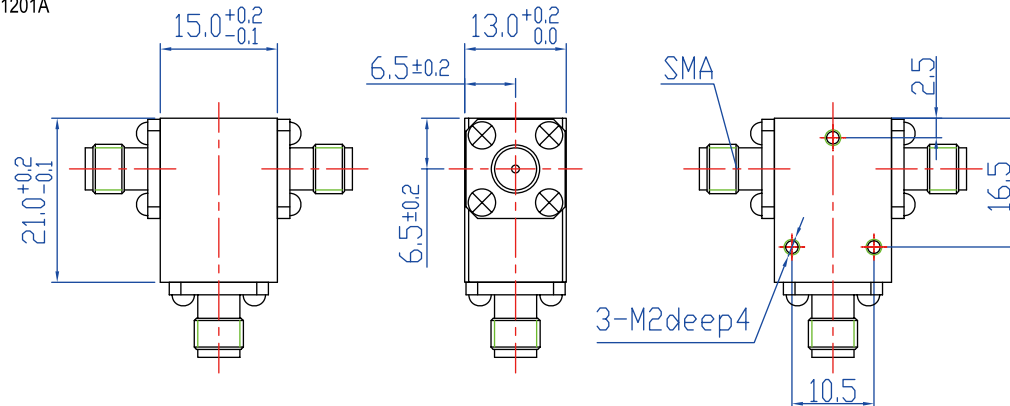
外形图 I20 TG1202



外形图 I21 TG1201A



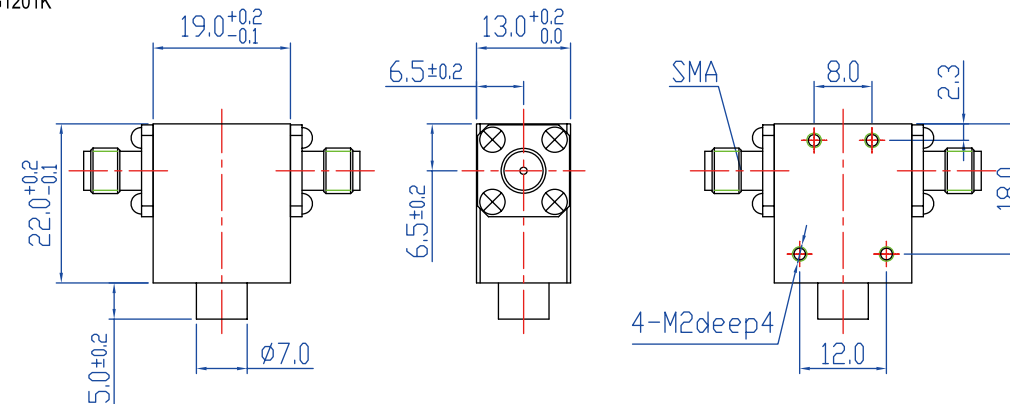
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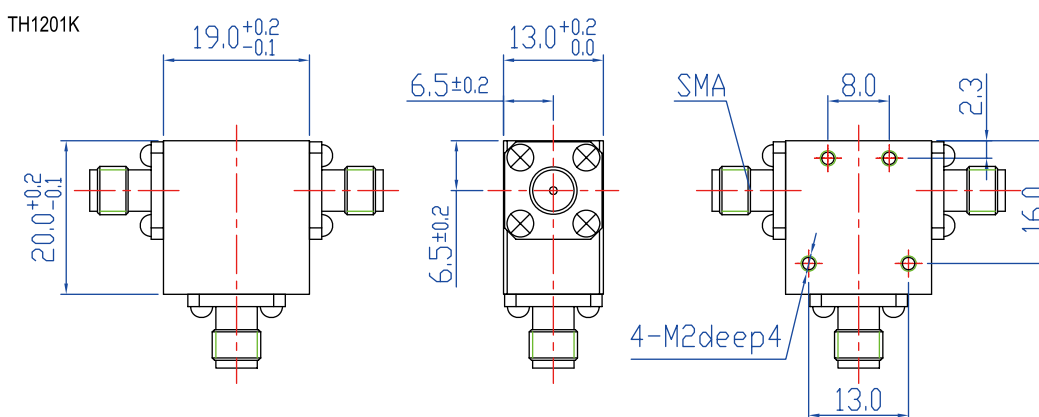
宽带系列 Broadband Series

产品外形图 Products Outline Drawing

外形图 I23 TG1201K



外形图 I24 TH1201K



备注：所有标注尺寸单位均为毫米
 Note: All dimensions are in mm

备注：所有标注尺寸单位均为毫米
 Note: All dimensions are in mm

低互调系列 Low IMD Series

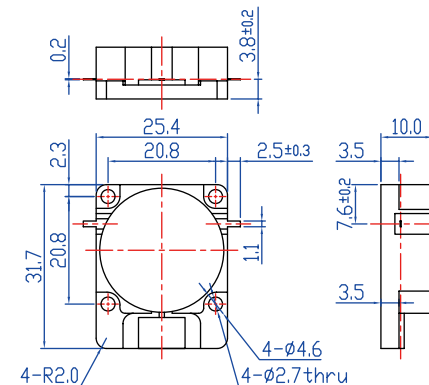
Outline Drawing 外形图	Part Number 产品型号	Frequency Range (GHz) 适用频率	IMD (dBc) 互调	IMD Test Requirements 互调测试要求	Insertion Loss (dB Max) 正向损耗	Isolation (dB Min) 反向隔离	VSWR (Max) 驻波系数	Operating Temperature (°C) 工作温度	Load Power (W) 负载功率	Connector Type 连接方式
J01	TG102M6	791-821	-70	2×45dBm, 5MHz 间隔	0.30	21	1.2	-40 ~ +85	100	TAB
J01	TG102M6	869-894	-75	2×45dBm, 5MHz 间隔	0.25	23	1.2	-40 ~ +85	100	TAB
J01	TG102M6	925-960	-75	2×45dBm, 5MHz 间隔	0.25	23	1.2	-40 ~ +85	100	TAB
J01	TG102M6	1805-1880	-75	2×45dBm, 5MHz 间隔	0.25	23	1.2	-40 ~ +85	100	TAB
J01	TG102M6	1930-1990	-75	2×45dBm, 5MHz 间隔	0.25	23	1.2	-40 ~ +85	100	TAB
J01	TG102M6	2110-2170	-75	2×45dBm, 5MHz 间隔	0.25	23	1.2	-40 ~ +85	100	TAB
J02	TH102M6	791-821	-70	2×45dBm, 5MHz 间隔	0.30	21	1.2	-40 ~ +85	/	TAB
J02	TH102M6	869-894	-75	2×45dBm, 5MHz 间隔	0.25	23	1.2	-40 ~ +85	/	TAB
J02	TH102M6	925-960	-75	2×45dBm, 5MHz 间隔	0.25	23	1.2	-40 ~ +85	/	TAB
J02	TH102M6	1805-1880	-75	2×45dBm, 5MHz 间隔	0.25	23	1.2	-40 ~ +85	/	TAB
J02	TH102M6	1930-1990	-75	2×45dBm, 5MHz 间隔	0.25	23	1.2	-40 ~ +85	/	TAB
J02	TH102M6	2110-2170	-75	2×45dBm, 5MHz 间隔	0.25	23	1.2	-40 ~ +85	/	TAB
J03	TG102M3-100	1805-1880	-70	2×43dBm, 5MHz 间隔	0.30	21	1.2	-40 ~ +85	100	TAB
J03	TG102M3-100	1930-1990	-70	2×43dBm, 5MHz 间隔	0.30	21	1.2	-40 ~ +85	100	TAB
J03	TG102M3-100	2110-2170	-70	2×43dBm, 5MHz 间隔	0.30	21	1.2	-40 ~ +85	100	TAB
J03	TG102M3-100	2300-2400	-70	2×43dBm, 5MHz 间隔	0.30	21	1.2	-40 ~ +85	100	TAB
J03	TG102M3-100	2620-2690	-70	2×43dBm, 5MHz 间隔	0.30	21	1.2	-40 ~ +85	100	TAB
J04	TH102M3-100	1805-1880	-70	2×43dBm, 5MHz 间隔	0.30	21	1.2	-40 ~ +85	/	TAB
J04	TH102M3-100	1930-1990	-70	2×43dBm, 5MHz 间隔	0.30	21	1.2	-40 ~ +85	/	TAB
J04	TH102M3-100	2110-2170	-70	2×43dBm, 5MHz 间隔	0.30	21	1.2	-40 ~ +85	/	TAB
J04	TH102M3-100	2300-2400	-70	2×43dBm, 5MHz 间隔	0.30	21	1.2	-40 ~ +85	/	TAB
J04	TH102M3-100	2620-2690	-70	2×43dBm, 5MHz 间隔	0.30	21	1.2	-40 ~ +85	/	TAB

备注：以上均为室温下(25℃±5℃)电性能指标
Note: All the specifications above are at room temperature(25℃±5℃)

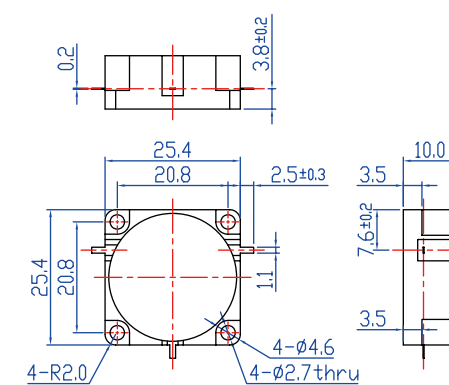
低互调系列 Low IMD Series

产品外形图 Products Outline Drawing

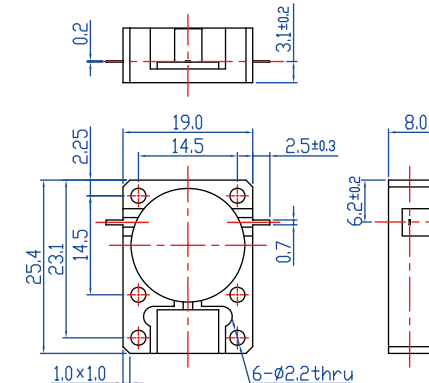
外形图 J01 TG102M6



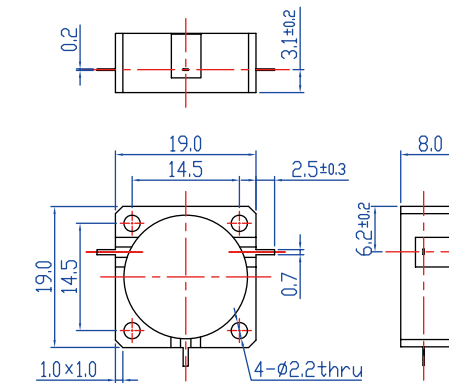
外形图 J02 TH102M6



外形图 J03 TG102M3-100



外形图 J04 TH102M3-100



备注：所有标注尺寸单位均为毫米
Note: All dimensions are in mm

大功率系列 High Power Series

同轴大功率系列

Outline Drawing 外形图	Part Number 产品型号	Frequency Range (GHz) 适用频率	Insertion Loss (dB Max) 正向损耗	Isolation (dB Min) 反向隔离	VSWR (Max) 驻波系数	Operating Temperature (°C) 工作温度	Peak Power (W) 峰值功率	Duty Cycle 占空比	Load Power (W) 负载功率	Connector Type 连接方式
K01	TG0201A-B500	0.26-0.30	0.4	20	1.25	-30 ~ +70	1600	30%	500	N
K02	TG0201A-B800	0.26-0.30	0.4	20	1.25	-30 ~ +70	2500	30%	800	N
K03	TH0201A	0.26-0.30	0.4	20	1.25	-30 ~ +70	2500	30%	/	N
K04	TG0301-400	0.32-0.36	0.4	20	1.25	-30 ~ +70	1200	30%	500	N
K05	TG0301-500	0.32-0.36	0.4	20	1.25	-30 ~ +70	1600	30%	500	N
K06	TH0301-500	0.32-0.36	0.4	20	1.25	-30 ~ +70	1600	30%	/	N
K07	TH101-400	2.0-2.2	0.6	18	1.35	-30 ~ +70	1600	30%	/	N
K07	TH101-400	2.2-2.5	0.6	18	1.35	-30 ~ +70	1600	30%	/	N

波导大功率系列

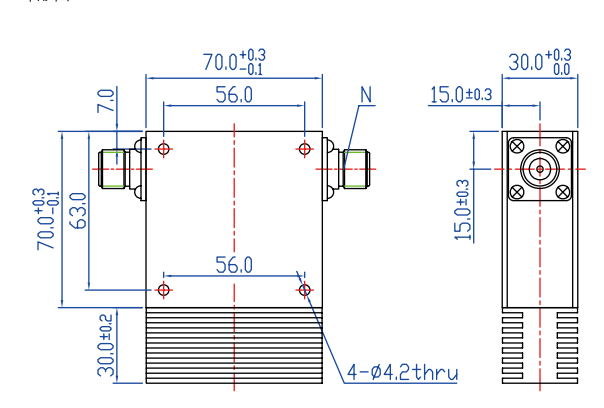
Outline Drawing 外形图	Part Number 产品型号	Frequency Range (GHz) 适用频率	Relative Bandwidth 相对带宽	Insertion Loss (dB Max) 正向损耗	Isolation (dB Min) 反向隔离	VSWR (Max) 驻波系数	Operating Temperature (°C) 工作温度	Peak Power (W) 峰值功率	Duty Cycle 占空比	Wave guide Type 波导型号
K11	BH84-60B	6.58-10.0	10%	0.3	20	1.2	-40 ~ +85	3500	10%	WR112
K12	BH100-60B	8.20-12.5	10%	0.3	20	1.2	-40 ~ +85	3000	10%	WR90
K13	BH120-48.5B	9.48-15.0	8%	0.3	20	1.2	-40 ~ +85	1000	10%	WR75
K14	BH140-40B	11.9-18.0	6%	0.3	20	1.2	-40 ~ +85	1000	10%	WR62
K15	BH180-32B	14.5-22.0	5%	0.3	20	1.2	-40 ~ +85	1000	10%	WR51
K16	BH220-24B	17.6-26.7	5%	0.3	20	1.2	-40 ~ +85	500	10%	WR42
K17	BH260-22.3B	21.7-33.0	3%	0.3	20	1.2	-40 ~ +85	500	10%	WR34
K18	BH320-25.4B1	26.4-40.1	3%	0.3	20	1.2	-40 ~ +85	500	10%	WR28

备注：以上均为室温下(25°C ± 5°C)电性能指标
Note: All the specifications above are at room temperature(25°C ± 5°C)

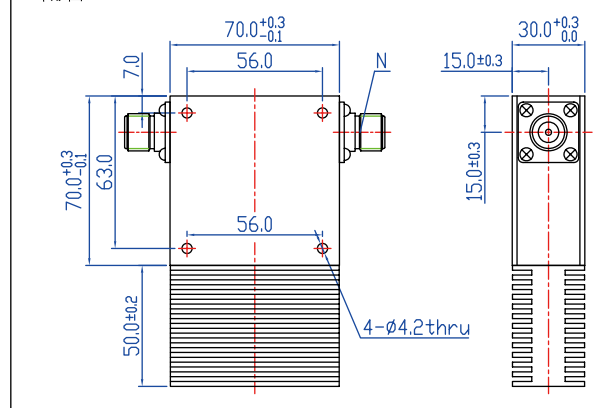
大功率系列 High Power Series

产品外形图 Products Outline Drawing

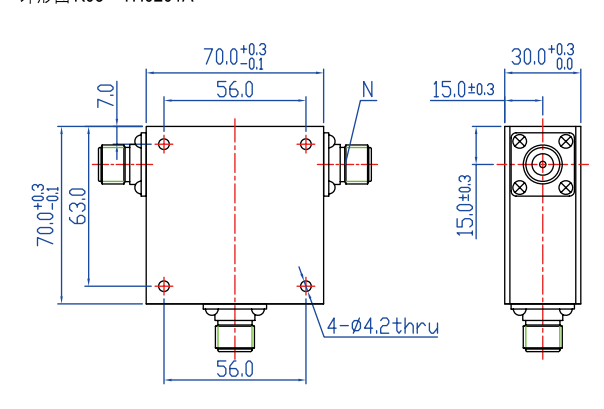
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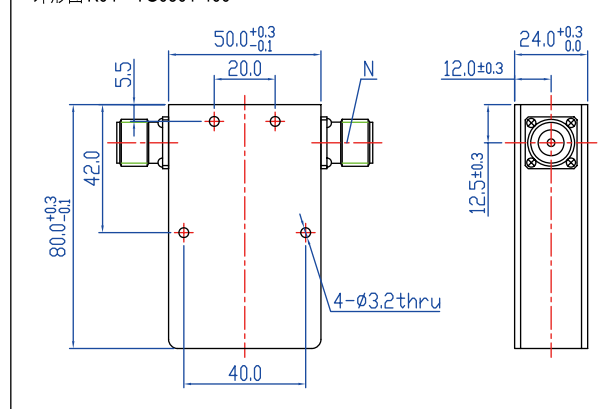
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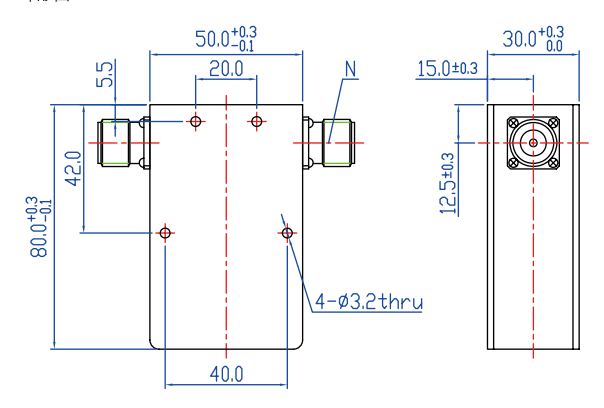
外形图 K03 TH0201A



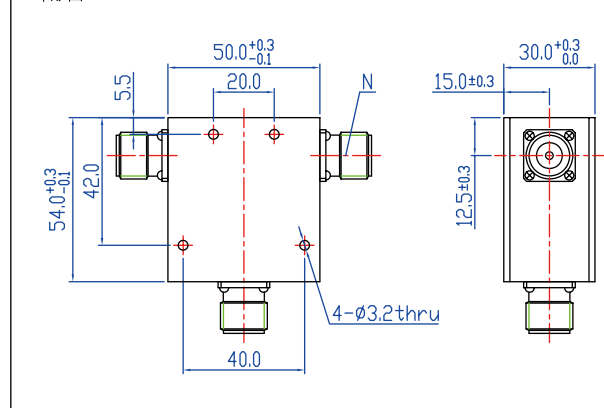
外形图 K04 TG0301-400



外形图 K05 TG0301-500



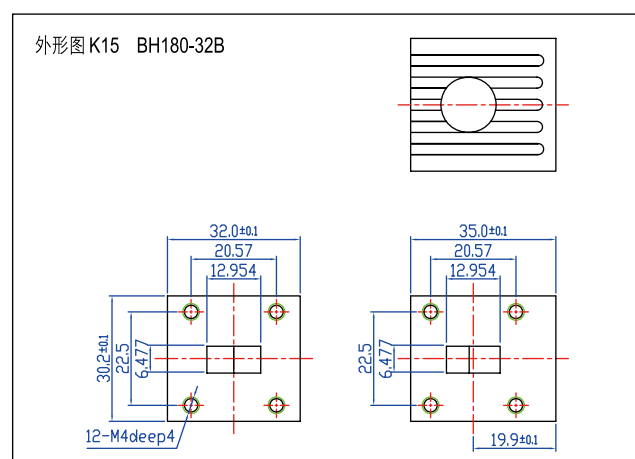
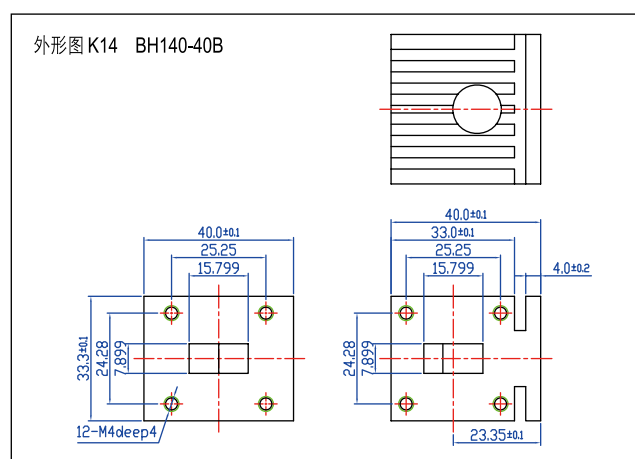
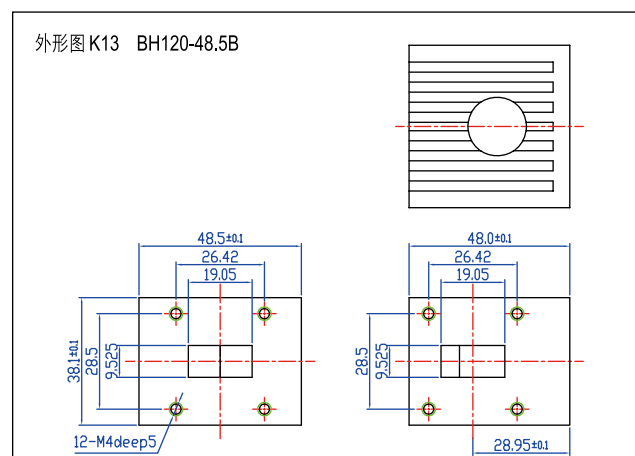
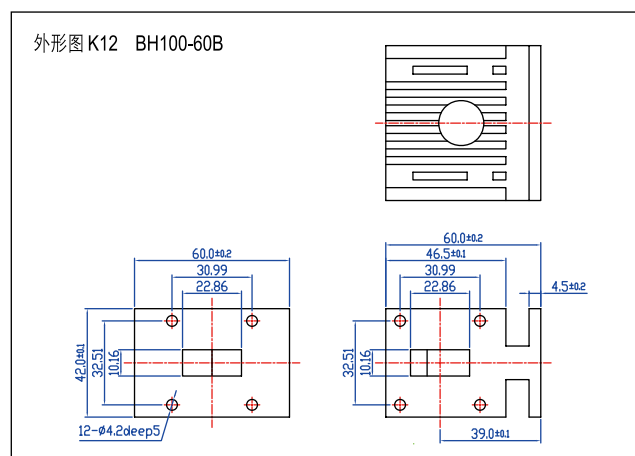
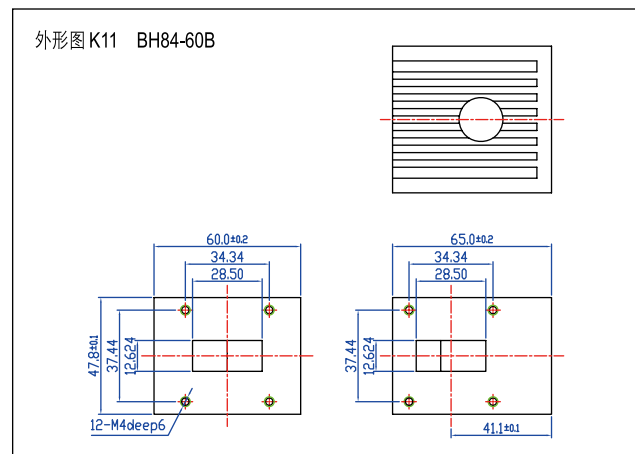
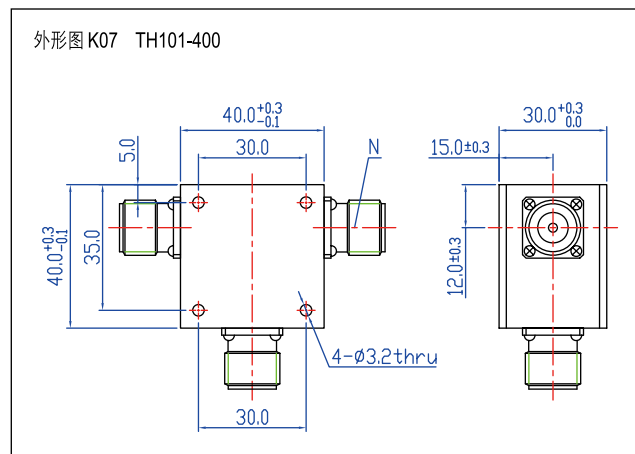
外形图 K06 TH0301-500



备注：所有标注尺寸单位均为毫米
Note: All dimensions are in mm

大功率系列 High Power Series

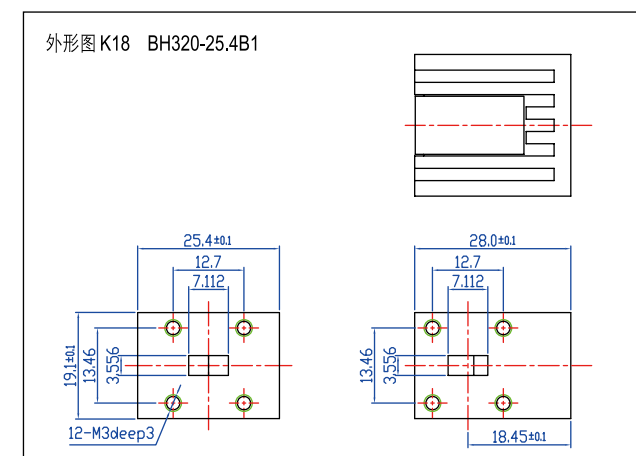
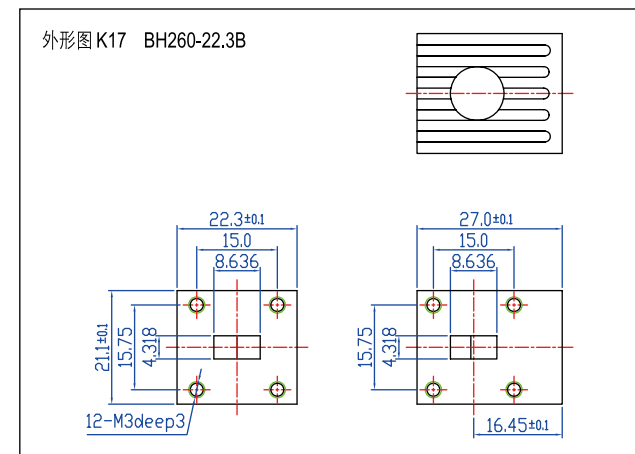
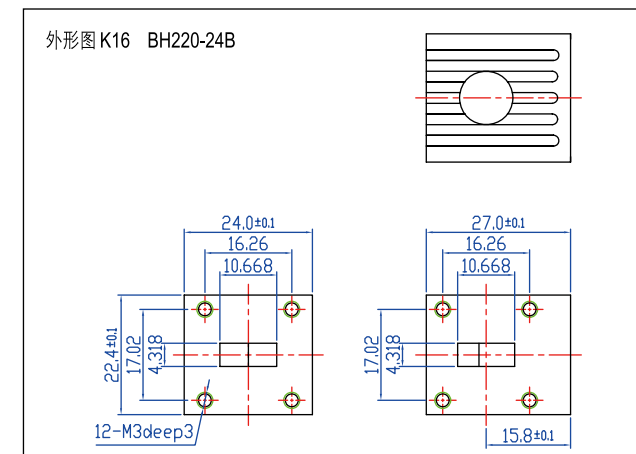
产品外形图 Products Outline Drawing



备注：所有标注尺寸单位均为毫米
 Note: All dimensions are in mm

大功率系列 High Power Series

产品外形图 Products Outline Drawing



备注：所有标注尺寸单位均为毫米
 Note: All dimensions are in mm

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Issued By: State Intellectual Property Office of the P.R.C

No. 序号	Patent Name 专利名称	Patent NO. 专利号	Application Date 申请时间	Authorization Date 授权时间	Period of Validity 有效期	Certificate NO. 证书号
1	微型微带环行器及隔离器	ZL 2006 2 0069716.8	2006.03.01	2007.02.21	十年	第 872984 号
2	嵌入式小型化环行器	ZL 2007 2 0040297.X	2007.07.06	2008.05.21	十年	第 1054735 号
3	嵌入式小型化隔离器	ZL 2007 2 0040298.4	2007.07.06	2008.05.21	十年	第 1054734 号
4	用于相控阵雷达 T/R 组件中的超小型化隔离器	ZL 2008 2 0038092.2	2008.07.08	2009.04.01	十年	第 1197096 号
5	用于相控阵雷达 T/R 组件中的超小型化环行器	ZL 2008 2 0038093.7	2008.07.08	2009.04.01	十年	第 1197097 号
6	嵌入式小型化高互调隔离器	ZL 2008 2 0038091.8	2008.07.08	2009.07.01	十年	第 1243884 号
7	嵌入式小型化高互调隔离器	ZL 2008 2 0038090.3	2008.07.08	2009.07.01	十年	第 1245929 号
8	嵌入式小型化高互调隔离器	ZL 2008 2 0038089.0	2008.07.08	2009.07.01	十年	第 1243883 号
9	用于 TD-SCDMA 系统的嵌入式环行器	ZL 2008 2 0160371.6	2008.09.28	2009.07.01	十年	第 1245505 号
10	用于 TD-SCDMA 系统的嵌入式高互调环行器	ZL 2008 2 0160370.1	2008.09.28	2009.07.01	十年	第 1245504 号
11	用于 GSM 通讯系统的小型化环行器	ZL 2009 2 0236183.1	2009.10.14	2010.07.21	十年	第 1485032 号
12	用于 GSM 通讯系统的小型化隔离器	ZL 2009 2 0236181.2	2009.10.14	2010.08.04	十年	第 1493974 号
13	用于微波通讯系统的小型化环行器	ZL 2009 2 0236182.7	2009.10.14	2010.11.10	十年	第 1581682 号
14	用于 TD-SCDMA 通讯系统的小型化环行器	ZL 2009 2 0236184.6	2009.10.14	2010.11.03	十年	第 1576198 号
15	采用新型分体式结构腔体的波导隔离器	ZL 2010 2 0233822.1	2010.06.22	2011.01.12	十年	第 1662792 号
16	3mm 波导隔离器环行器	ZL 2010 2 0233832.5	2010.06.22	2011.04.13	十年	第 1751975 号
17	用于移动通信基站的小型化环行器	ZL 2010 2 0516279.6	2010.09.02	2011.05.18	十年	第 1795737 号
18	用于移动通信基站中的高隔离、高互调隔离器	ZL 2010 2 0516265.4	2010.09.02	2012.04.18	十年	第 2165567 号
19	高隔离微带双结隔离器	ZL 2011 2 0180100.9	2011.05.31	2012.01.04	十年	第 2057344 号
20	小型化隔离器	ZL 2011 2 0329690.7	2011.09.05	2012.06.13	十年	第 2244024 号
21	分体式波导法兰型隔离器	ZL 2011 2 0329736.5	2011.09.05	2012.06.13	十年	第 2243787 号
22	超小型化隔离器	ZL 2011 2 0329898.9	2011.09.05	2012.06.13	十年	第 2248280 号
23	微带双结隔离器	ZL 2011 2 0329712.X	2011.09.05	2012.07.25	十年	第 2325351 号
24	微带基片式环行器	ZL 2011 2 0552515.4	2011.12.27	2012.08.15	十年	第 2352895 号
25	波导隔离器	ZL 2011 2 0557428.8	2011.12.28	2012.08.15	十年	第 2355397 号
26	分体式波导隔离器	ZL 2011 2 0557426.9	2011.12.28	2012.09.26	十年	第 2423786 号

备注：“*” 发明专利

Note：“*” Patent for invention

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No. 序号	Patent Name 专利名称	Patent NO. 专利号	Application Date 申请时间	Authorization Date 授权时间	Period of Validity 有效期	Certificate NO. 证书号
27	一种用于焊接接头的高频感应焊接装置	ZL 2011 2 0554333.0	2011.12.27	2012.11.07	十年	第 2490482 号
28	一种微带环行器	ZL 2012 2 0415100.7	2012.08.21	2013.02.27	十年	第 2728411 号
29	一种微带基片式隔离器	ZL 2012 2 0419250.5	2012.08.23	2013.02.27	十年	第 2728405 号
*30	3mm 波导隔离器环行器的电磁场仿真设计方法	ZL 2010 1 0206080.8	2010.06.22	2013.05.08	二十年	第 1195544 号
31	一种高频微带基片式隔离器	ZL 2012 2 0636392.7	2012.11.28	2013.06.12	十年	第 2963497 号
32	一种分体式波导隔离器	ZL 2012 2 0718057.1	2012.12.24	2013.06.12	十年	第 2964522 号
33	一种表贴式超小型化隔离器	ZL 2012 2 0718056.7	2012.12.24	2013.06.12	十年	第 2962687 号
34	一种多层铁氧体波导结构	ZL 2012 2 0735904.5	2012.12.28	2013.06.12	十年	第 2965318 号
35	一种高频微带基片式环行器	ZL 2012 2 0636501.5	2012.11.28	2013.07.24	十年	第 3052518 号
36	一种微带基片式隔离器	ZL 2013 2 0296806.0	2013.05.28	2013.10.16	十年	第 3215177 号
37	一种微带基片式双节环行器	ZL 2013 2 0223191.9	2013.04.27	2013.10.30	十年	第 3228068 号
38	一种微带基片式双结环形器	ZL 2013 2 0740095.1	2013.11.22	2014.04.16	十年	第 3512655 号
39	一种微带环形器	ZL 2013 2 0740486.3	2013.11.22	2014.06.25	十年	第 3642897 号
40	一种微带基片式双结大功率环形器	ZL 2013 2 0883855.4	2013.12.30	2014.07.02	十年	第 3663741 号
41	差相移动脉冲大功率波导环行器	ZL 2014 2 0028678.6	2014.01.17	2014.06.25	十年	第 3643247 号
42	一种带有探针耦合结构的合路器	ZL 2014 2 0501304.1	2014.09.01	2015.01.21	十年	第 4089604 号
43	一种表贴式易装配高稳定性环行器	ZL 2014 2 0627634.5	2014.10.27	2015.02.25	十年	第 4146620 号
44	一种表贴式环行器	ZL 2014 2 0626011.6	2014.10.27	2015.02.25	十年	第 4147355 号
45	用于通讯频段的高性能隔离器	ZL 2014 2 0627984.1	2014.10.27	2015.02.25	十年	第 4147357 号
46	一种用于通讯频段的高性能隔离器	ZL 2014 2 0628151.7	2014.10.27	2015.02.25	十年	第 4147468 号
47	隔离器 (BG320)	ZL 2014 3 0299146.1	2014.08.21	2015.01.21	十年	第 3092240 号
48	隔离器 (TG0902M)	ZL 2014 3 02993896.1	2014.08.21	2015.01.21	十年	第 3093231 号
49	环行器 (WH1502AS8)	ZL 2014 3 0299398.4	2014.08.21	2015.01.21	十年	第 3092777 号
50	隔离器 (BG400)	ZL 2014 3 0299583.3	2014.08.21	2015.01.21	十年	第 3092528 号
51	隔离器 (TG1002E)	ZL 2014 3 0299247.9	2014.08.21	2015.01.21	十年	第 3092987 号
52	环行器 (WH1502A6)	ZL 2014 3 0299144.2	2014.08.21	2015.01.21	十年	第 3092437 号
*53	一种多层铁氧体波导结构	ZL 2012 1 0580230.0	2012.12.28	2016.03.02	二十年	第 1968974 号

备注：“*” 发明专利

Note：“*” Patent for invention