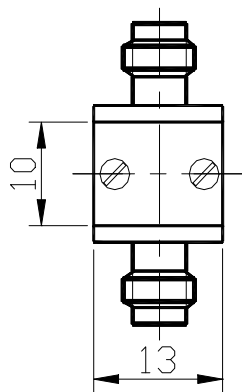


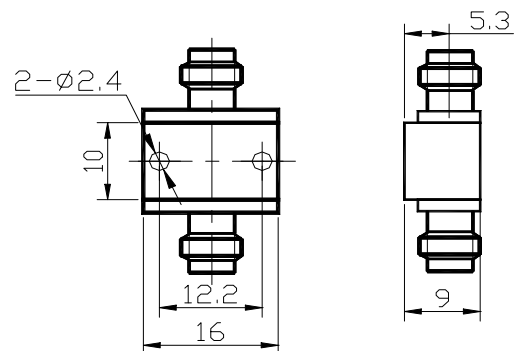
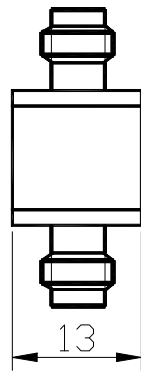
Electrical Specifications

Part Number	Frequency Range (GHz)	Insertion Loss (dB)max	Limiting Level (mW)max	VSWR (I/O)max	Power Rating (w)max		Outline Drawing In mm
					CW	PK	
LT-AX18A	6-18	2.5	30	2.0	2	200	EB01
LT-AX18B	2-18	2.5	30	2.3	2	200	EB02

Outline Drawing



Dwg.EB01



Dwg.EB02

Eleading Technologies Ltd.

F5102, Yunshenchu, Yuanlin Rd., Shatoujiao, Shenzhen, China. Zip 518081. Phn. ++86, 755, 2528 5648 Fax. 2528

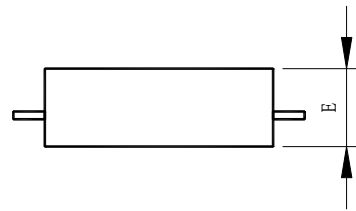
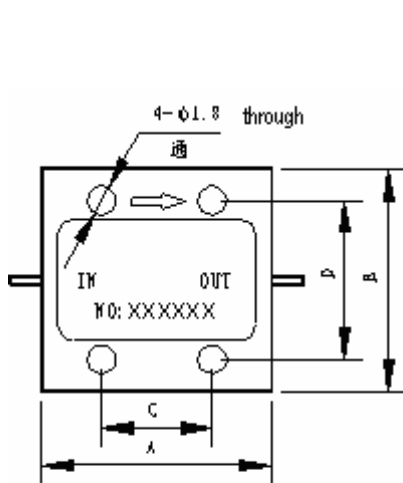
eleading@vip.163.com sales@eleadingchina.com www.eleadingchina.com

Electrical Specifications

Part Number	Frequency Range(GHz)	Insertion Loss (dB)max	Limiting Level(mW)max	VSWR (I/O)max	Power Rating (W)max		Outline Drawing in mm
					CW	PK	
LT-CX13045	6.5~8	0.8	30	1.3	5	200	ES14/ ES01
LT-DX2034	9~10.5	1.0	30	1.3	2	100	ES13/ ES01
LT-CX13081	14~15.5	1.4	30	1.3	5	200	ES13/ ES01

Outline Drawing

Dwg.ES13/ES14



Side	ES13	ES14
A	14.5	18
B	14	14
C	7	10
D	10	10
E	5	5

Eleading Technologies Ltd.

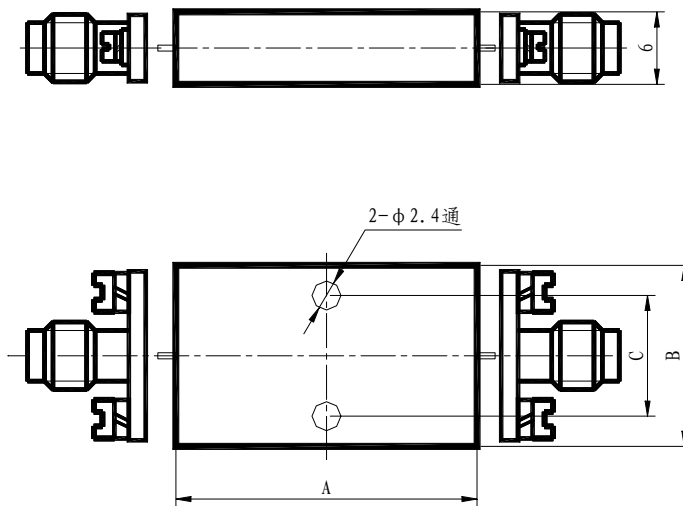
F5102, Yunshenchu, Yuanlin Rd., Shatoujiao, Shenzhen, China. Zip 518081. Phn. ++86, 755, 2528 5648 Fax. 2528

eleading@vip.163.com sales@eleadingchina.com www.eleadingchina.com

Electrical Specifications

Part Number	Frequency Range (GHz)	Insertion Loss (dB)max	Limiting Level (mW)max	VSWR (I/O)max	Power Rating (W)max		Outline Drawing In mm
					CW	PK	
LT-AX27A	2-4	0.8	25	1.6	2	200 ^β	EC01
LT-AX27B	2-4	1	10	1.8	1	100 ^β	EC01
LT-AX27C	2-8	1	35	1.8	2	200 ^β	EC01
LT-AX27D	2-8	1.2	20	1.8	2	200 ^β	EC01
LT-AX27E	2-8	1.3	40	2	3	500 ^β	EC01
LT-AX27F	8-18	2.3	30	2	1	100 ^β	EC03
LT-AX27G	8-18	2.5	20	2	2	200 ^β	EC02
LT-AX27H	0.5-2	0.6	20	1.5	1	100 ^β	EC01
LT-AX27I	0.5-2	0.6	30	1.5	2	200 ^β	EC01
LT-AX27J	0.1-1	0.5	20	1.5	2	200 ^β	EC01
LT-AX45	5-6	1	20	1.5	2	200 ^β	EC01
LT-DX27A1	2.7-3.1	0.6	20	1.3	10	500 ^γ	EC01

Outline Drawing



Dwgs.EC01/EC02/EC03 .

Side	EC01	EC02	EC03
A	25	20	15.6
B	15	16	14
C	10	12	10

Eleading Technologies Ltd.

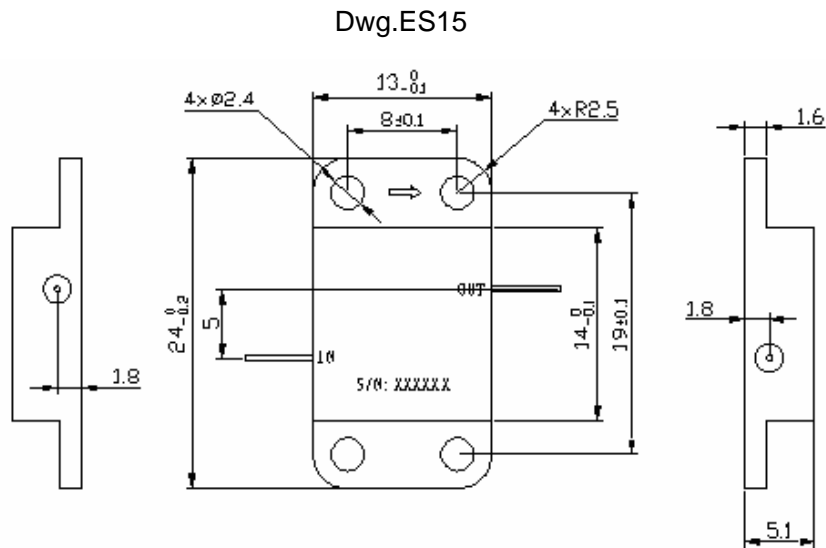
F5102, Yunshenchu, Yuanlin Rd., Shatoujiao, Shenzhen, China. Zip 518081. Phn. ++86, 755, 2528 5648 Fax. 2528

eleading@vip.163.com sales@eleadingchina.com www.eleadingchina.com

Electrical Specifications

Part Number	Frequency Range(GHz)	Insertion Loss(dB)max	VSWR (I/O)max	Limiting Level (mW)max	Power Rating(W)		Outline Drawing In mm
					CW	PK	
LT-CX12033	3.1-3.4	0.8	1.25	20	4	40 ^β	ES15

Outline Drawing



Eleading Technologies Ltd.

F5102, Yunshenchu, Yuanlin Rd., Shatoujiao, Shenzhen, China. Zip 518081. Phn. ++86, 755, 2528 5648 Fax. 2528

eleading@vip.163.com sales@eleadingchina.com www.eleadingchina.com

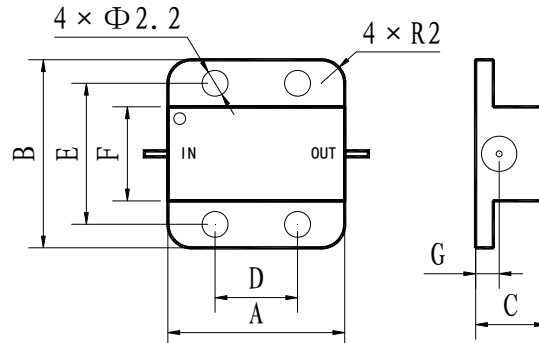
Electrical Specifications

Part Number	Frequency Range(GHz)	Insertion Loss(dB)	VSWR	Leakage (dBm)	Power Rating (W)		Package
					CW	PK	
LT-C532X	0.5~2.0	0.5	1.4	13	2	100 ^a	B29/B30/ S18
LT-C533X	2.0~4.0	0.7	1.4	13	2	100 ^a	B14/B29/ S17
LT-C534X	4.0~8.0	1.0	1.5	13	2	100 ^a	B14/B27/ S22
LT-C535X	8.0~12.0	1.5	1.8	13	2	100 ^a	B14/B27/ S22
LT-C536X	12.0~18.0	2.2	1.8	13	2	100 ^a	B14/B27/ S22
LT-C537X	2.0~8.0	1.2	1.6	15	2	100 ^a	B14/B28/ S22
LT-C538X	8.0~18.0	2.4	2.0	13	2	100 ^a	B14/B27/ S22
LT-C539X	2.0~18.0	2.5	2.0	15	2	100 ^a	B14/B28/ S22

Note: 1.Pulse bandwidth= μ s; duty cycle =10%;

2.Drawing below is only a sample, for specific drawing, please contact factory;

Outline Drawing



Application notes

1. While operating, RF ports should be isolated, and the crust should be connected to DC ground.
2. These devices sensitive to electrostatic discharge (ESD) and can be damaged by static electricity. Proper ESD control techniques should used when handling these devices.

Eleading Technologies Ltd.

F5102, Yunshenchu, Yuanlin Rd., Shatoujiao, Shenzhen, China. Zip 518081. Phn. ++86,755,2528 5648 Fax.2528

eleading@vip.163.com sales@eleadingchina.com www.eleavingchina.com

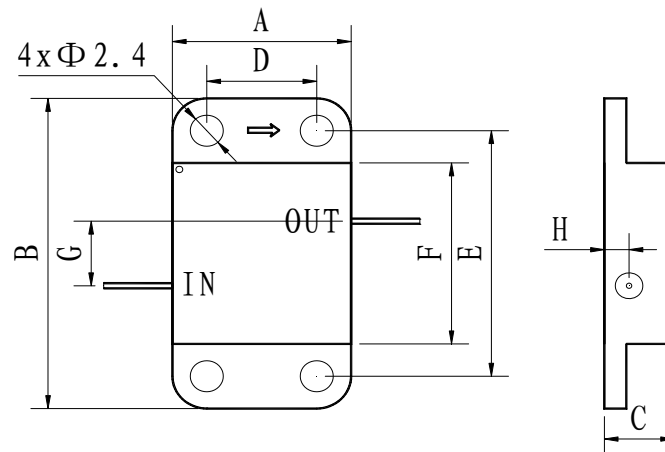
Electrical Specifications

Part Number	Frequency Range(GHz)	Bandwidth	Insertion Loss(dB)	VSWR	Leakage (dBm)	Power Rating(W)		Package
						CW	PK	
LT-C632XA	1.0~2.0	30%	0.6	1.3	13	4	40 ^a	B14/B31/S17
LT-C633XA	2.0~4.0	25%	0.9	1.5	13	4	40 ^a	B14/B31/S17
LT-C634XA	4.0~8.0	20%	1.2	1.5	13	4	40 ^a	B14/B31/S17
LT-C635XA	8.0~12.0	15%	1.5	1.5	13	4	40 ^a	B14/B31/S17
LT-C636XA	12.0~18.0	15%	1.9	1.6	13	4	40 ^a	B14/B31/S17

Note: Pulse bandwidth= μ s; duty cycle =10%;

For specific drawing, please contact factory;

Outline Drawing



Application notes

1. While operating, RF ports should be isolated, and the crust should be connected to DC ground.
2. These devices sensitive to electrostatic discharge (ESD) and can be damaged by static electricity. Proper ESD control techniques should used when handling these devices.

Eleading Technologies Ltd.

F5102, Yunshenchu, Yuanlin Rd., Shatoujiao, Shenzhen, China. Zip 518081. Phn. ++86,755,2528 5648 Fax.2528

eleading@vip.163.com sales@eleadingchina.com www.eleadingchina.com

Electrical Specifications

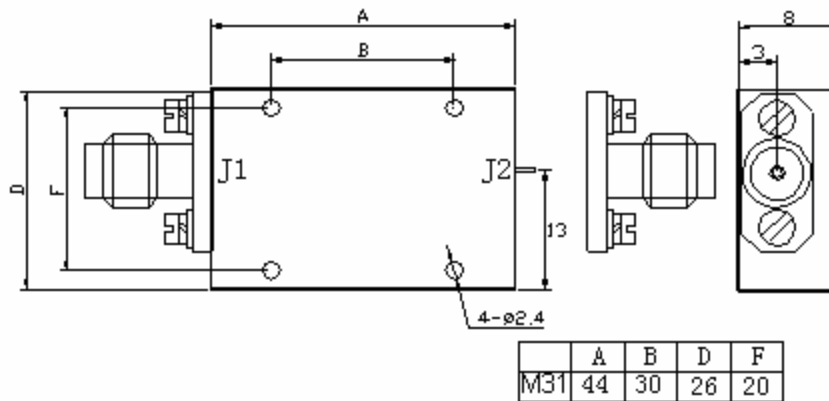
Part Number	Frequency Range (GHz)	Insertion Loss (dB) max	Clip Level(mw)max	VSWR(max)	Power Rating(w)	Package
LT-CX14010	0.5—1.0	0.4	20	1.3	1000	M31
LT-CX14020	1.0—2.0	0.5	20	1.3	1000	M31
LT-CX14030	2.0—4.0	0.7	20	1.4	1000	M31
LT-CX14040	4.0—8.0	0.9	20	1.6	600	M31
LT-CX14050	8.0—12.0	1.1	20	1.8	200	M31
LT-CX14060	12.0—18.0	1.4	20	2.0	100	M31

Note:

Relative Bandwidth can be designed to approach octave band.

External load; Input power =peak power; duty cycle=10% pulse width=100μS max

Outline Drawing



Eleading Technologies Ltd.

F5102, Yunshenchu, Yuanlin Rd., Shatoujiao, Shenzhen, China. Zip 518081. Phn. ++86,755,2528 5648 Fax.2528

eleading@vip.163.com sales@eleadingchina.com www.eleadingchina.com

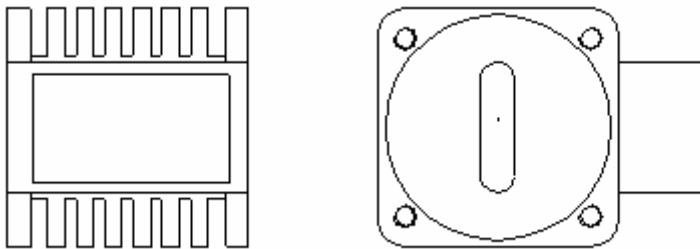
Electrical Specifications

Part Number	Frequency Range (GHz)	Relative Bandwidth	Insertion Loss (dB) max	Clip Level (mw) max	VSWR max	Power Rating(w)	Waveguide Type
LT-CX14420	1-2	10%	0.6	20	1.25	1000	WR510
LT-CX14430	2-4	10%	0.7	20	1.25	900	WR284
LT-CX14440	4-8	10%	0.8	20	1.30	800	WR159
LT-CX14450	8-12	10%	1.0	20	1.40	700	WR90
LT-CX14460	12-18	10%	1.2	20	1.50	500	WR75

Note:

- 1.Input power =peak power; duty cycle=1%pulse width=100μS max
- 2.The dimensions of the products are related to different waveguide type.
The other waveguide type is available at request.

Outline Drawing



Eleading Technologies Ltd.

F5102, Yunshenchu, Yuanlin Rd., Shatoujiao, Shenzhen, China. Zip 518081. Phn. ++86, 755, 2528 5648 Fax. 2528

eleading@vip.163.com sales@eleadingchina.com www.eleadingchina.com

Electrical Specifications

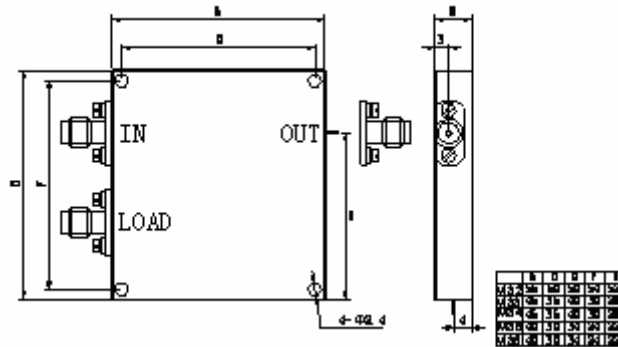
Part Number	Frequency Range (GHz)	Relative Bandwidth	Insertion Loss (dB)(max)	Clip Level (mw)	VSWR (max)	Power Rating(w)	Package
LT-CX13210	0.5—1	15%	0.5	20	1.3	1000	M32
LT-CX13220	1—2	15%	0.6	20	1.3	800	M32
LT-CX13230	2—4	15%	0.8	20	1.4	600	M33
LT-CX13240	4—8	15%	1.0	20	1.6	400	M34
LT-CX13250	8—12	13%	1.2	20	1.8	200	M35
LT-CX13260	12—18	10%	1.5	20	2.0	100	M36

Note:

Relative Bandwidth can be designed to approach octave band.

External load; Input power =peak power; duty cycle=10% pulse width=100μS max

Outline Drawing



Eleading Technologies Ltd.

F5102, Yunshenchu, Yuanlin Rd., Shatoujiao, Shenzhen, China. Zip 518081. Phn. ++86,755,2528 5648 Fax.2528

eleading@vip.163.com sales@eleadingchina.com www.eleavingchina.com

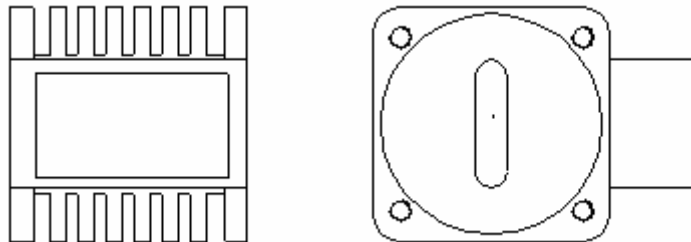
Electrical Specifications

Part Number	Frequency Range (GHz)	Relative Bandwidth	Insertion Loss (dB) max	Clip Level (mw) max	VSWR max	Power Rating(w)	Waveguide Type
LT-CX13420	1-2	10%	0.4	20	1.20	100	WR510
LT-CX13430	2-4	10%	0.5	20	1.20	80	WR284
LT-CX13440	4-8	10%	0.6	20	1.30	50	WR159
LT-CX13450	8-12	8%	0.8	20	1.40	40	WR90
LT-CX13460	12-18	5%	1.2	20	1.50	30	WR75

Note:

- 1.Input power =peak power; duty cycle=1%pulse width=100 μ S max
- 2.The dimensions of the products are related to different waveguide type.
The other waveguide type is available at request.

Outline Drawing



Eleading Technologies Ltd.

F5102, Yunshenchu, Yuanlin Rd., Shatoujiao, Shenzhen, China. Zip 518081. Phn. ++86, 755, 2528 5648 Fax. 2528

eleading@vip.163.com sales@eleadingchina.com www.eleadingchina.com