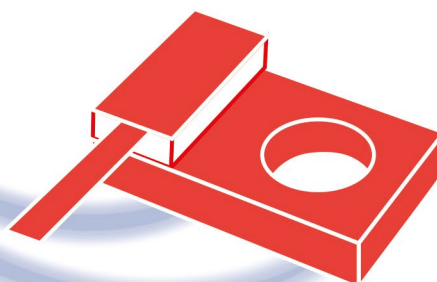


STRIPLINE TERMINATIONS



=> Search by Part Number



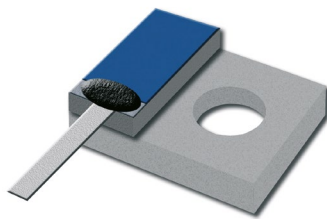


For Power Amplifiers, Couplers, Combiners & Isolators

- ⇒ Easy Mounting on Cold Plate
- ⇒ Size 3020 to 190175
- ⇒ 10 W - 1650 W
- ⇒ Up to 18 GHz

10 W 2.2 GHz AlN	3	250 W 3 GHz BeO High Brazed	28
10 W 2 GHz BeO	4	250 W 4 GHz BeO	29
10 W 6 GHz BeO	5	300 W 1 GHz AlN	30
10 W 18 GHz AlN	6	400 W 1 GHz AlN	31
10 W 18 GHz BeO	7	400 W 2 GHz BeO	32
20 W 4 GHz AlN	8	450 W 3 GHz AlN	33
30 W 4 GHz BeO	9	500 W 2 GHz BeO	34
30 W 6 GHz BeO	10	500 W 4 GHz BeO	35
40 W 9 GHz AlN	11	600 W 1 GHz AlN	36
60 W 2.5 GHz BeO	12	800 W 1 GHz AlN	37
60 W 5 GHz AlN	13	800 W 1 GHz BeO	38
60 W 6 GHz BeO	14	1000 W 1 GHz AlN	39
80 W 6 GHz AlN	15	1000 W 1 GHz BeO	40
100 W 2.5 GHz BeO	16	1000 W 2.45 GHz BeO	41
100 W 3 GHz BeO	17	1200 W 1 GHz BeO	42
100 W 5 GHz AlN	18	1200 W 1.5 GHz BeO	43
100 W 5 GHz AlN	19	1200 W 1 GHz AlN	44
100 W 6 GHz BeO	20	1350 W 1.5 GHz BeO	45
150 W 2 GHz BeO	21	1500 W 0.9 GHz AlN	46
150 W 2 GHz Remote	22	1500 W 1.5 GHz BeO	47
150 W 2.2 GHz BeO	23	1650 W 1.5 GHz BeO	48
150 W 3 GHz AlN	24	Search by Part Number	49
150 W 4 GHz AlN	25	Notes	50
220 W 5 GHz BeO	26	Notes	51
250 W 2.2 GHz AlN	27		

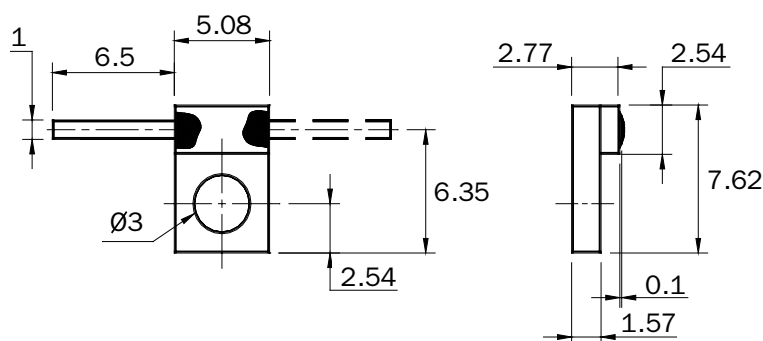
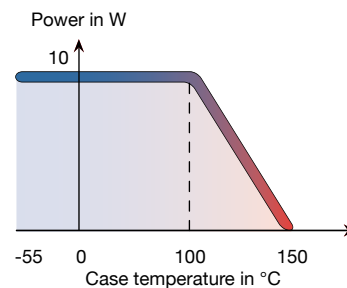
10 W 2.2 GHz AIN



Standards
NF C 96-315
MIL-DTL-39030



Substrate	AIN
Resistive film	Thick film
Tab	Ag
Protection film	Epoxy
Mounting flange/Plating	Cu/Ni
Tab attachment	Brazed with epoxy encapsulation
Size	3020



Dimensions in mm

[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Impedance ($\Omega \pm 5\%$)	Max VSWR
17-0271	2.2	10	50	1.20
17-0467	2.2	10	50	1.20

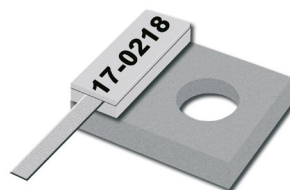
mm	inch
0.1	0.004
1	0.039
1.57	0.062
2.54	0.100
2.77	0.109
3	0.118
5.08	0.200
6.35	0.250
6.5	0.256
7.62	0.300



10 W 2 GHz BeO

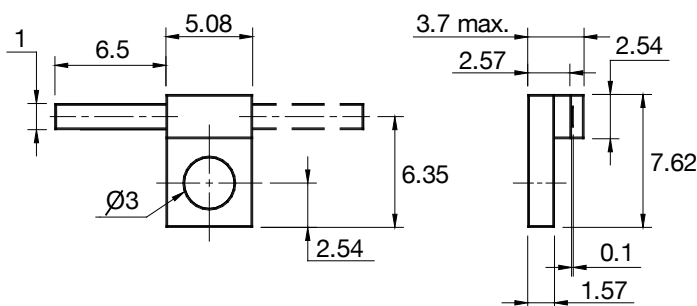
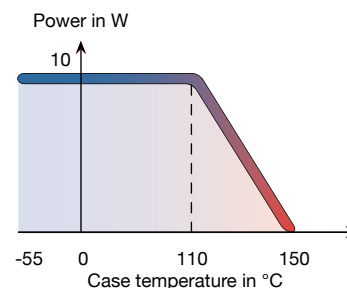


Standards
NF C 96-315
MIL-DTL-39030



Stripline Terminations

Substrate	BeO
Resistive film	Thick film
Tab	Ag
Mounting flange/Plating	Cu/Ni
Cover substrate	Al ₂ O ₃
Size	3020



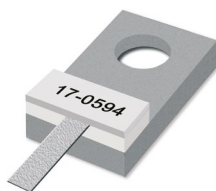
Dimensions in mm

[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Impedance ($\Omega \pm 5\%$)	Max VSWR
17-0218	2	10	50	1.30
17-0289	2	10	50	1.30

mm	inch
0.1	0.004
1	0.039
1.57	0.062
2.54	0.100
2.57	0.101
3	0.118
3.7	0.146
5.08	0.200
6.35	0.250
6.5	0.256
7.62	0.300

10 W 6 GHz BeO

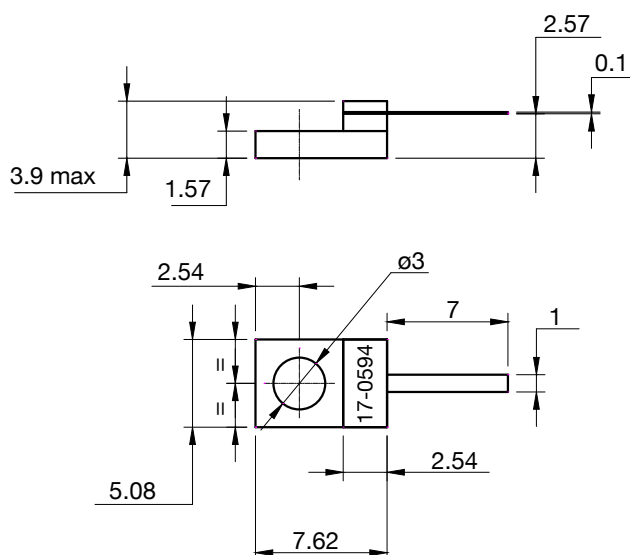
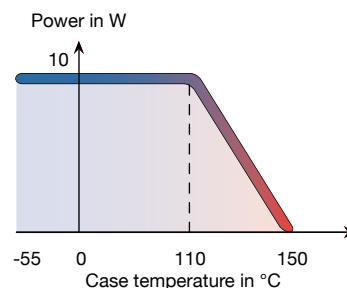


Standards
NF C 96-315
MIL-DTL-39030



Substrate
Resistive film
Tab
Mounting flange/Plating
Cover substrate
Size

BeO
Thick film
Ag
Cu/Ni
 Al_2O_3
3020



Dimensions in mm

Stripline Terminations



[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Impedance ($\Omega \pm 5\%$)	Max VSWR
17-0594	6	10	50	1.30*

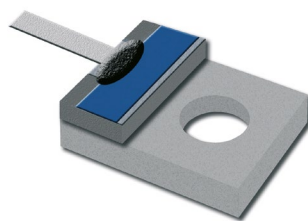
mm	inch
0.1	0.004
1	0.039
1.57	0.062
2.54	0.100
2.57	0.101
3	0.118
3.9	0.154
5.08	0.200
7	0.275
7.62	0.300

* VSWR ≤ 1.10 at 2.5 GHz, ≤ 1.20 at 4 GHz

10 W 18 GHz AIN

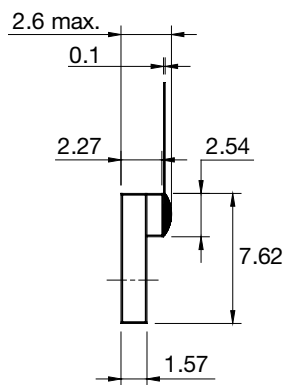
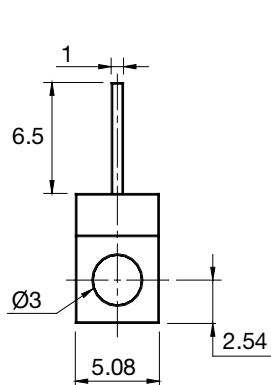
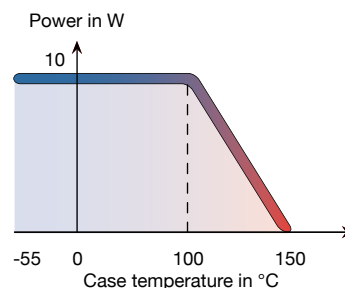


Standards
NF C 96-315
MIL-DTL-39030

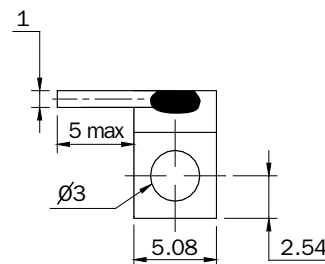


Stripline Terminations

Substrate	AIN
Resistive film	Thick film
Tab	Ag
Protection film	Epoxy
Mounting flange/Plating	Cu/Ni
Tab attachment	Brazed with epoxy encapsulation
Size	3020



17-0315



17-0426

Dimensions in mm

[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Impedance ($\Omega \pm 5\%$)	Max VSWR
17-0315	18	10	50	1.35
17-0426	18	10	50	1.35

mm	inch
0.1	0.004
1	0.039
1.57	0.074
2.27	0.089
2.54	0.100
2.60	0.102
3	0.118
5.08	0.200
6.5	0.256
7.62	0.300

10 W 18 GHz BeO

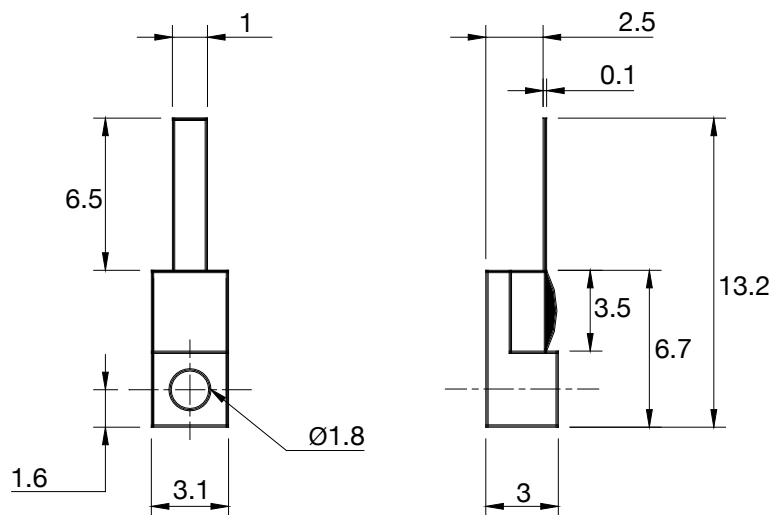
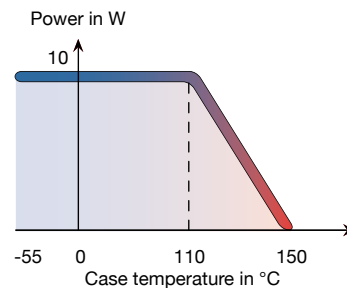


Standards
NF C 96-315
MIL-DTL-39030



Substrate
Resistive film
Tab
Mounting flange/Plating
Size

BeO
Thick film
Ag
Cu/Ni
2612



Dimensions in mm

Stripline Terminations



[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Impedance ($\Omega \pm 5\%$)	Max VSWR
17-0823	18	10	50	1.25

mm	inch
0.1	0.004
1.0	0.039
1.6	0.063
1.8	0.071
2.5	0.098
3	0.118
3.1	0.122
3.5	0.138
6.5	0.256
6.7	0.264
13.2	0.515

20 W 4 GHz AIN

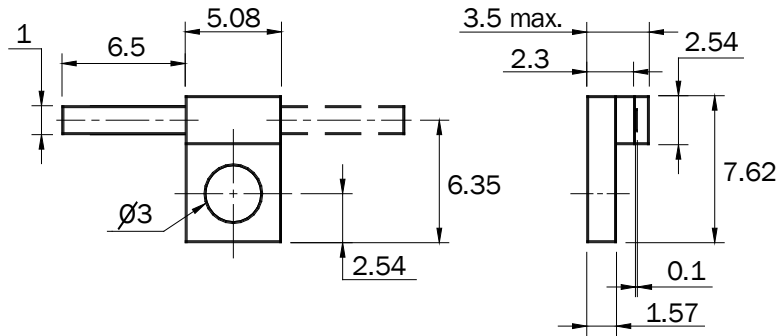
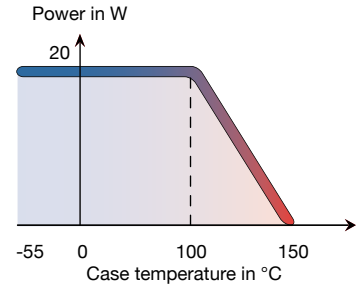


Standards
NF C 96-315
MIL-DTL-39030



Stripline Terminations

Substrate AIN
Resistive film Thick film
Tab Ag
Mounting flange/Plating Cu/Ni
Cover substrate Al₂O₃
Size 3020



Dimensions in mm

[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Impedance ($\Omega \pm 5\%$)	Max VSWR
17-0634	4	20	50	1.20
17-0635	4	20	50	1.20

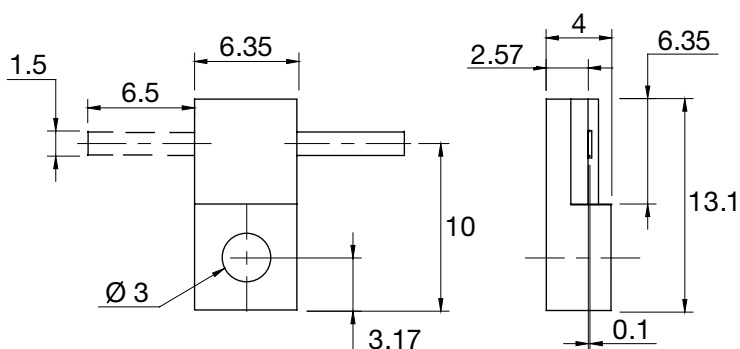
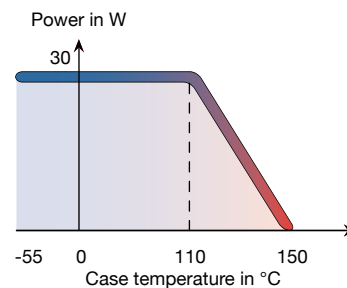
mm	inch
0.1	0.004
1.5	0.059
1.57	0.062
2.3	0.09
2.54	0.1
3	0.118
3.5	0.138
5.08	0.2
6.35	0.250
6.5	0.256
7.62	0.3

30 W 4 GHz BeO

Standards
NF C 96-315
MIL-DTL-39030



Substrate BeO
Resistive film Thick film
Tab Ag
Mounting flange/Plating Cu/Ni
Cover substrate Al_2O_3
Size 5225



Dimensions in mm

[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Impedance ($\Omega \pm 5\%$)	Max VSWR
17-3801	4	30	50	1.20
17-3181	4	30	50	1.20
17-0304	4	30	50	1.20

mm	inch
0.1	0.004
1.5	0.059
2.57	0.101
3	0.118
3.17	0.125
4	0.157
6.35	0.250
6.5	0.256
10	0.394
13.1	0.516



30 W 6 GHz BeO



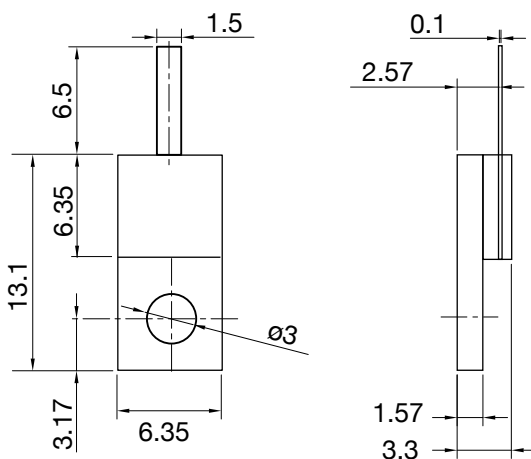
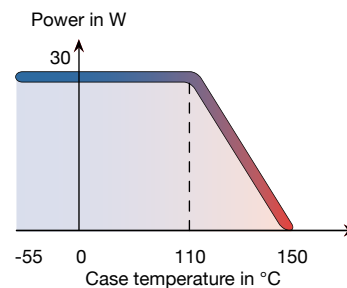
Standards
NF C 96-315
MIL-DTL-39030



Stripline Terminations

Substrate
Resistive film
Tab
Mounting flange/Plating
Cover substrate
Size

BeO
Thick film
Ag
Cu/Ni
Al₂O₃
5225



Dimensions in mm

[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Impedance ($\Omega \pm 5\%$)	Max VSWR
17-0596	6	30	50	1.30*
17-0597	6	30	50	1.30*
17-0598	6	30	50	1.30*

* VSWR ≤ 1.06 at 2 GHz

mm	inch
0.1	0.004
1.5	0.059
1.57	0.062
2.57	0.101
3	0.118
3.17	0.125
3.3	0.13
6.35	0.250
6.5	0.256
13.1	0.516



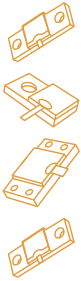
40 W 9 GHz AIN



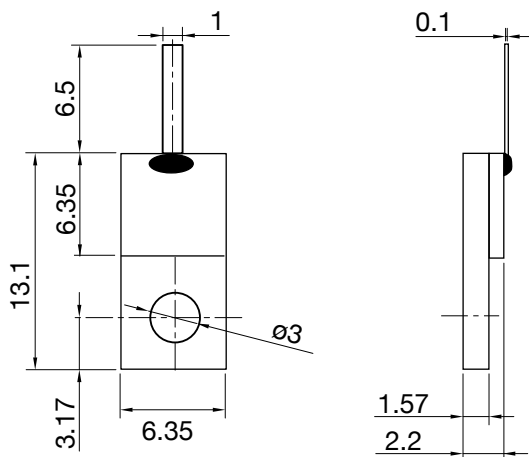
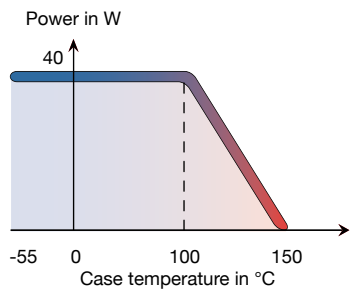
Standards
NF C 96-315
MIL-DTL-39030



Stripline Terminations



- | | |
|-------------------------|---------------------------------|
| Substrate | AlN |
| Resistive film | Thick film |
| Tab | Ag |
| Protection film | Epoxy |
| Mounting flange/Plating | Cu/Ni |
| Tab attachment | Brazed with epoxy encapsulation |
| Size | 5225 |



Dimensions in mm

[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Impedance ($\Omega \pm 5\%$)	Max VSWR
17-0537	9	40	50	1.25

mm	inch
0.1	0.004
1	0.039
1.57	0.062
2.2	0.087
3	0.118
3.17	0.125
6.35	0.250
6.5	0.256
13.1	0.516

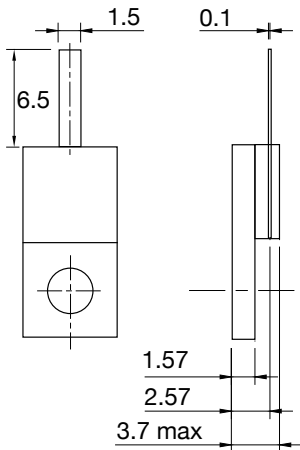
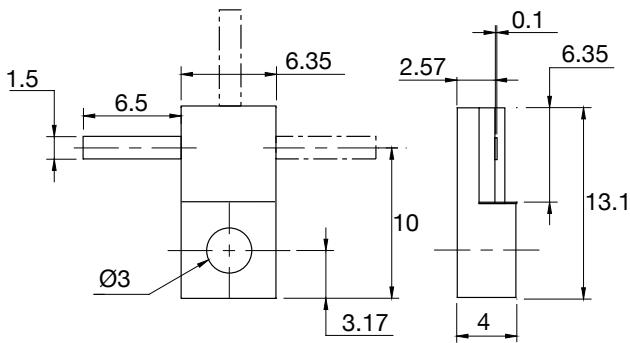
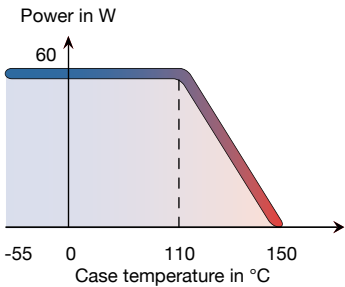
60 W 2.5 GHz BeO



Standards
NF C 96-315
MIL-DTL-39030



Substrate	BeO
Resistive film	Thick film
Tab	Ag
Mounting flange/Plating	Cu/Ni
Cover substrate	Al ₂ O ₃
Size	5225



17-0290
17-0325
17-0326

17-0556

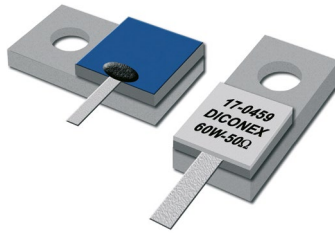
Dimensions in mm

[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Impedance ($\Omega \pm 5\%$)	Max VSWR
17-0290	2.5	60	50	1.20
17-0325	2.5	60	50	1.20
17-0326	2.5	60	50	1.20
17-0556	2.5	60	50	1.20

mm	inch
0.1	0.004
1.5	0.059
1.57	0.062
2.57	0.101
3	0.118
3.17	0.125
3.7	0.146
4	0.157
6.35	0.250
6.5	0.256
10	0.394
13.1	0.516

60 W 5 GHz AIN

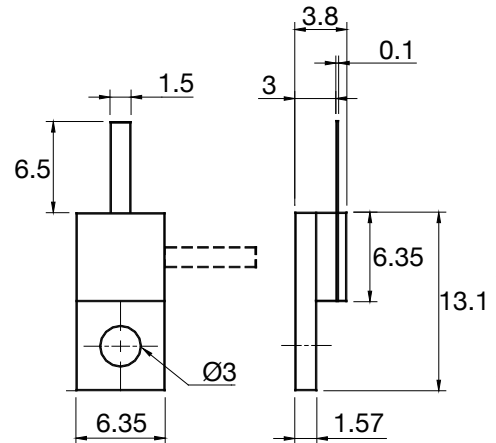
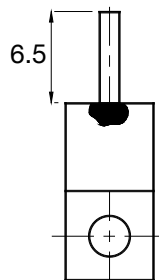
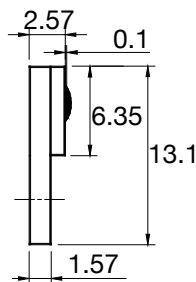
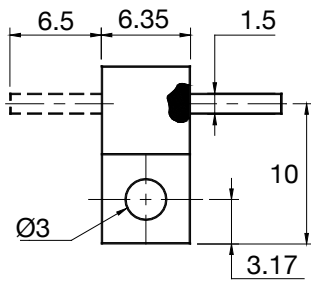
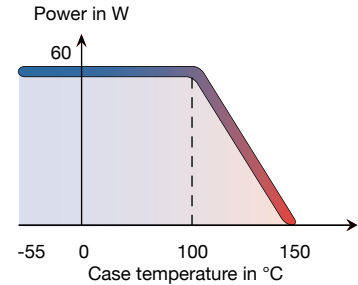


Standards
NF C 96-315
MIL-DTL-39030



Stripline Terminations

Substrate	AlN
Resistive film	Thick film
Tab	Ag
Protection film	Epoxy
Mounting flange/Plating	Cu/Ni
Tab attachment	Brazed with epoxy encapsulation
Cover substrate	Al ₂ O ₃ (P/N : 17-0459 - 17-0524)
Size	5225



Dimensions in mm

17-0385
17-0464

17-0390

17-0459
17-0524

[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Impedance ($\Omega \pm 5\%$)	Max VSWR
17-0390	4	60	50	1.25
17-0385	4	60	50	1.25
17-0464	4	60	50	1.25
17-0459	5	60	50	1.20
17-0524	5	60	50	1.20

mm	inch
0.1	0.004
1.5	0.059
1.57	0.062
2.57	0.101
3	0.118
3.07	0.121
3.17	0.125
3.80	0.150
6.35	0.250
6.5	0.256
10	0.394
13.1	0.516

60 W 6 GHz BeO

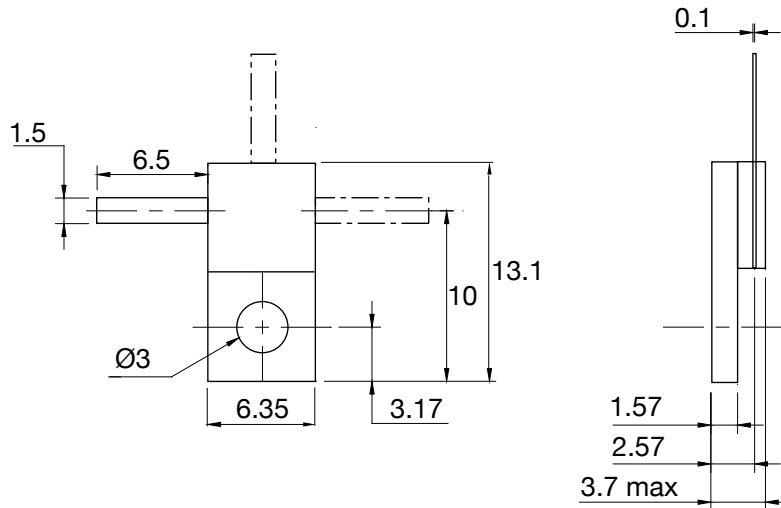
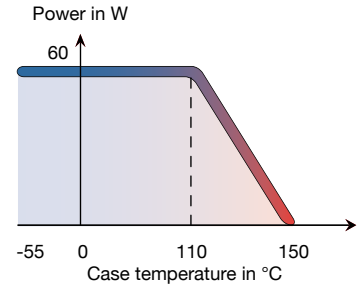


Standards
NF C 96-315
MIL-DTL-39030



Stripline Terminations

Substrate	BeO
Resistive film	Thick film
Tab	Ag
Mounting flange/Plating	Cu/Ni
Cover substrate	Al ₂ O ₃
Size	5225



Dimensions in mm

[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Impedance (Ω ± 5%)	Max VSWR
17-0599	6	60	50	1.30*
17-0600	6	60	50	1.30*
17-0601	6	60	50	1.30*

* VSWR ≤ 1.06 at 2 GHz

mm	inch
0.1	0.004
1.5	0.059
1.57	0.062
2.57	0.101
3	0.118
3.17	0.125
3.7	0.146
6.35	0.250
6.5	0.256
10	0.394
13.1	0.516

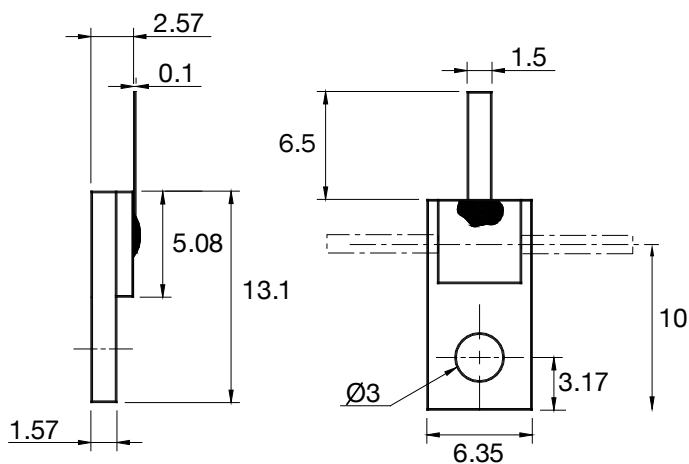
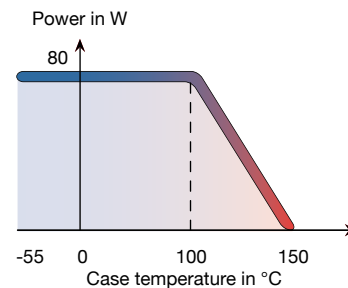
80 W 6 GHz AIN



Standards
NF C 96-315
MIL-DTL-39030



Substrate	AlN
Resistive film	Thick film
Tab	Ag
Protection film	Epoxy
Mounting flange/Plating	Cu/Ni
Tab attachment	Brazed with epoxy encapsulation
Size	5225



Dimensions in mm

[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Impedance ($\Omega \pm 5\%$)	Max VSWR
17-0458	6	80	50	1.20*
17-0522	6	80	50	1.20*
17-0565	6	80	50	1.20*

mm	inch
0.1	0.004
1.5	0.059
1.57	0.062
2.57	0.101
3	0.118
3.17	0.125
5.08	0.200
6.35	0.250
6.5	0.256
10	0.394
13.1	0.516

* VSWR $\leq$ 1.10 at 3.5 GHz

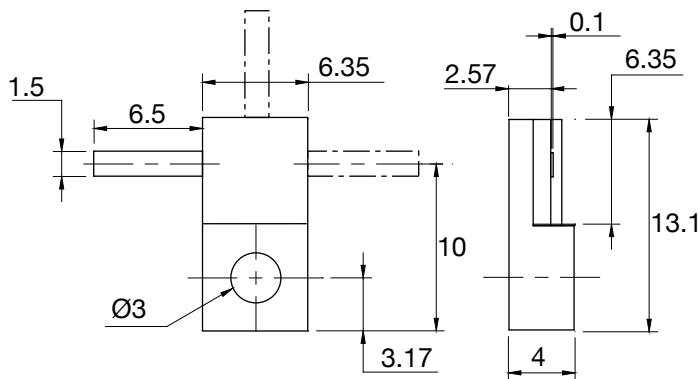
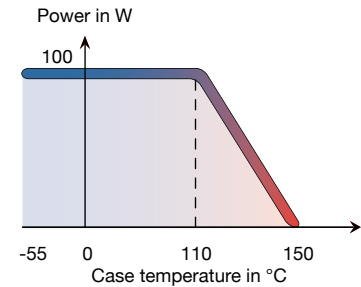




Standards
NF C 96-315
MIL-DTL-39030

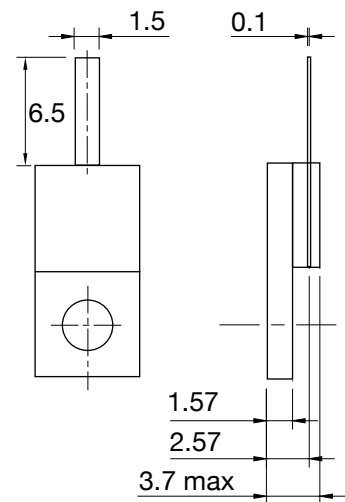


Substrate	BeO
Resistive film	Thick film
Tab	Ag
Mounting flange/Plating	Cu/Ni
Cover substrate	Al ₂ O ₃
Size	5225



Dimensions in mm

17-0295
17-0323
17-0324



17-0558

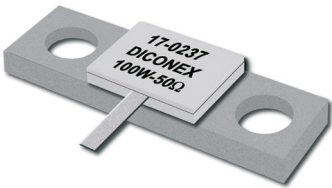
[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Impedance ($\Omega \pm 5\%$)	Max VSWR
17-0295	2.5	100	50	1.20
17-0323	2.5	100	50	1.20
17-0324	2.5	100	50	1.20
17-0558	2.5	100	50	1.20

mm	inch
0.1	0.004
1.5	0.059
1.57	0.062
2.57	0.101
3	0.118
3.17	0.125
3.7	0.146
4	0.157
6.35	0.250
6.5	0.256
10	0.394
13.1	0.516



100 W 3 GHz BeO



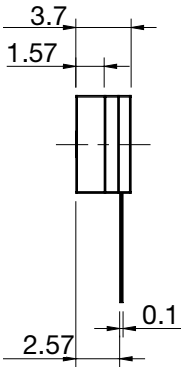
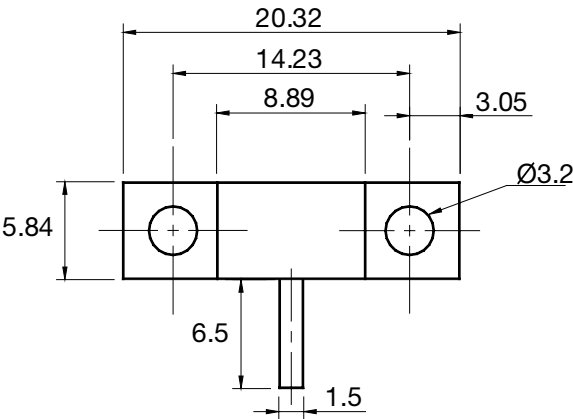
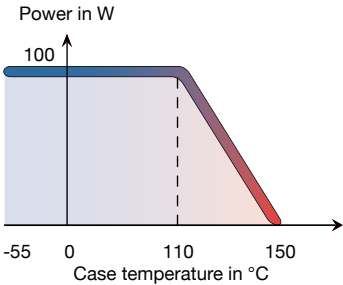
Standards
NF C 96-315
MIL-DTL-39030



Stripline Terminations



Substrate	BeO
Resistive film	Thick film
Tab	Ag
Mounting flange/Plating	Cu/Ni
Cover substrate	Al ₂ O ₃
Size	8023



Dimensions in mm

[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Impedance ($\Omega \pm 5\%$)	Max VSWR
17-0237	3	100	50	1.20

mm	inch
0.1	0.004
1.5	0.059
1.57	0.062
2.57	0.101
3	0.118
3.05	0.120
3.2	0.126
3.7	0.146
4.3	0.169
5.84	0.230
6.5	0.256
8.89	0.350
14.23	0.560
20.32	0.800

100 W 5 GHz AIN

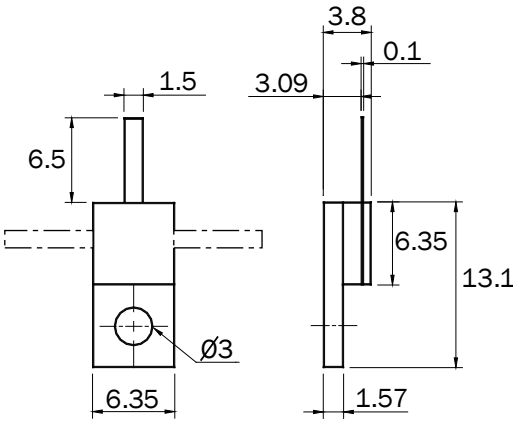
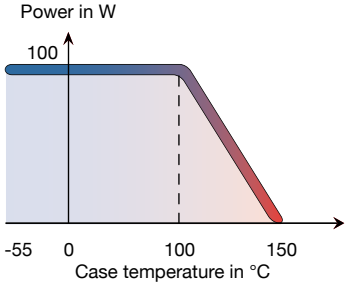


Standards
NF C 96-315
MIL-DTL-39030



Substrate
Resistive film
Tab
Mounting flange/Plating
Cover substrate
Size

AlN
Thick film
Ag
Cu/Ni
Al₂O₃
5225



Dimensions in mm

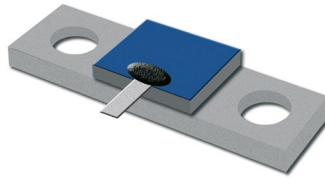
[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Impedance (Ω ± 5%)	Max VSWR
 17-0496	5	100	50	1.20
 17-0812	5	100	50	1.20
 17-0811	5	100	50	1.20

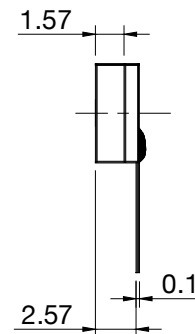
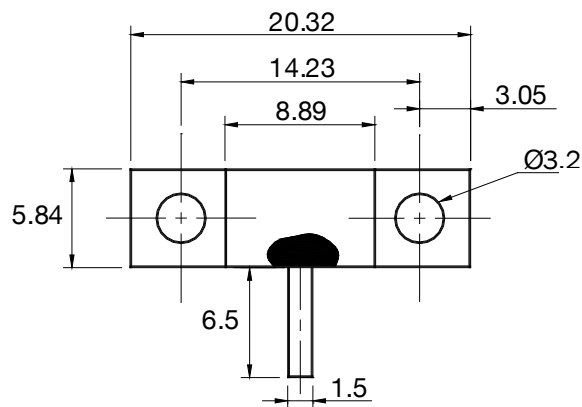
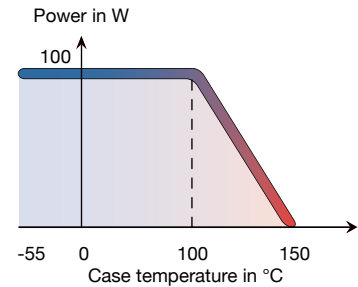
mm	inch
0.1	0.004
1.5	0.059
1.57	0.062
3	0.118
3.09	0.122
3.8	0.150
6.35	0.250
6.5	0.256
13.1	0.516

100 W 5 GHz AIN

Standards
NF C 96-315
MIL-DTL-39030

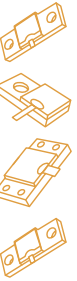


Substrate	AlN
Resistive film	Thick film
Tab	Ag
Protection film	Epoxy
Mounting flange/Plating	Cu/Ni
Tab attachment	Brazed with epoxy encapsulation
Size	8023



Dimensions in mm

Stripline Terminations



[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Impedance ($\Omega \pm 5\%$)	Max VSWR
17-0465	5	100	50	1.20*

* VSWR ≤ 1.06 at 3.5 GHz

mm	inch
0.1	0.004
1.5	0.059
1.57	0.062
2.57	0.101
3.05	0.120
3.2	0.126
5.84	0.230
6.5	0.256
8.89	0.350
14.23	0.560
20.32	0.800

100 W 6 GHz BeO

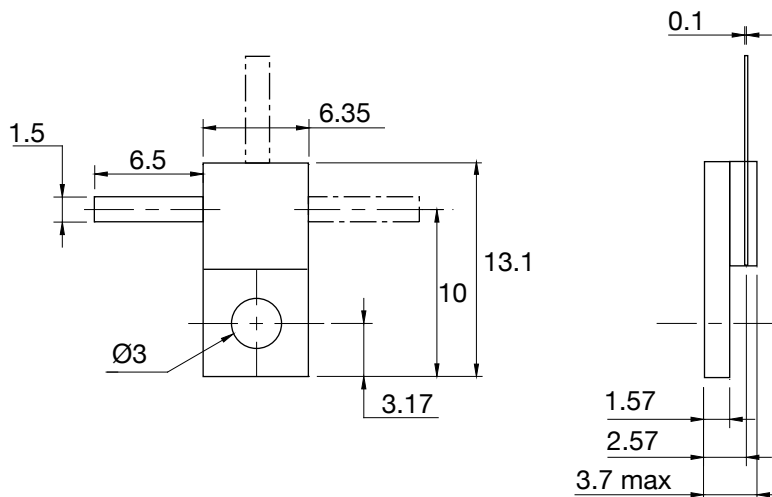
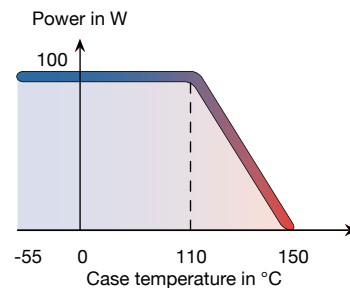


Standards
NF C 96-315
MIL-DTL-39030



Stripline Terminations

Substrate	BeO
Resistive film	Thick film
Tab	Ag
Mounting flange/Plating	Cu/Ni
Cover substrate	Al ₂ O ₃
Size	5225



Dimensions in mm

[Return to Search by Part Number](#)

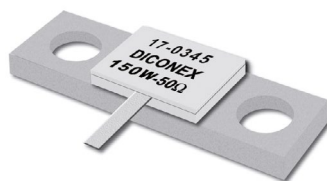
P/N	Frequency (GHz)	Power (W)	Impedance ($\Omega \pm 5\%$)	Max VSWR
17-0602	6	100	50	1.30*
17-0603	6	100	50	1.30*
17-0604	6	100	50	1.30*

mm	inch
0.1	0.004
1.5	0.059
1.57	0.062
2.57	0.101
3	0.118
3.17	0.125
3.7	0.146
6.35	0.250
6.5	0.256
10	0.394
13.1	0.516

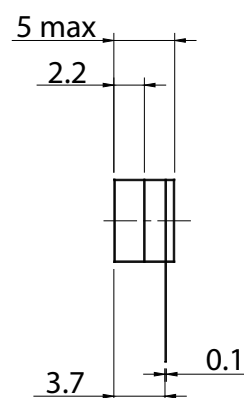
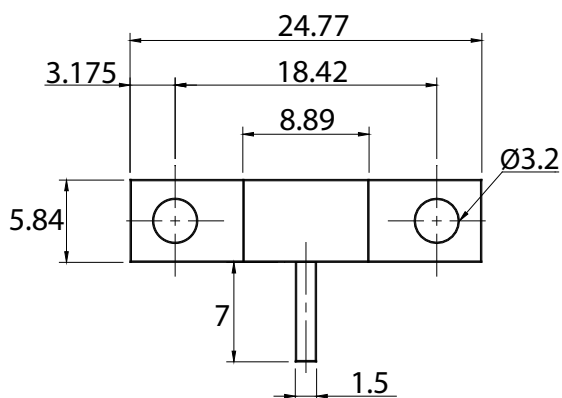
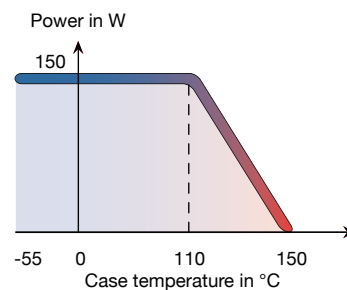
* VSWR $\leq$ 1.06 at 2 GHz

150 W 2 GHz BeO

Standards
NF C 96-315
MIL-DTL-39030



Substrate	BeO
Resistive film	Thick film
Tab	Ag
Mounting flange/Plating	Cu/Ni
Cover substrate	Al ₂ O ₃
Size	9823



Dimensions in mm

[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Impedance ($\Omega \pm 5\%$)	Max VSWR
17-0345	2	150	50	1.20

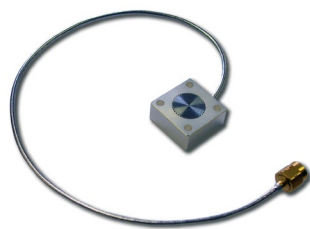
mm	inch
0.1	0.004
1.5	0.059
2.2	0.087
3.175	0.125
3.2	0.126
3.7	0.146
5	0.197
5.84	0.230
7	0.276
8.89	0.350
18.42	0.725
24.77	0.975



150 W 2 GHz Remote

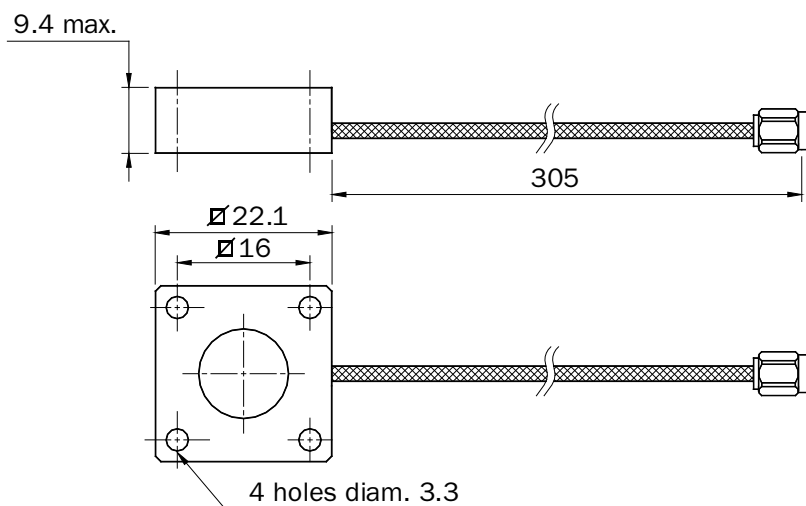
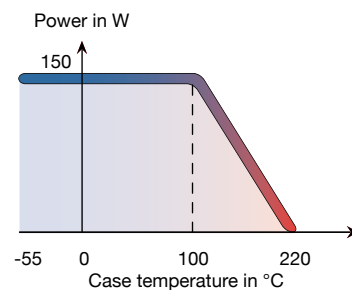


Standards
NF C 96-315
MIL-DTL-39030



Stripline Terminations

Substrate	AlN
Resistive film	Thick film
Case/Plating	Aluminium/Ag
Cable	0.086
Connector	SMA male
Size	8787



Dimensions in mm

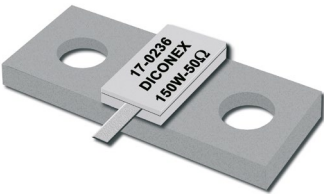
[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Impedance ($\Omega \pm 5\%$)	Max VSWR
17-0435	2	150	50	1.06

mm	inch
3.3	0.130
9.4	0.370
16	0.630
22.1	0.870
305	12



150 W 2.2 GHz BeO

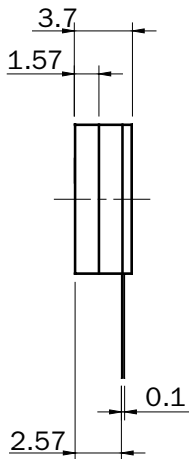
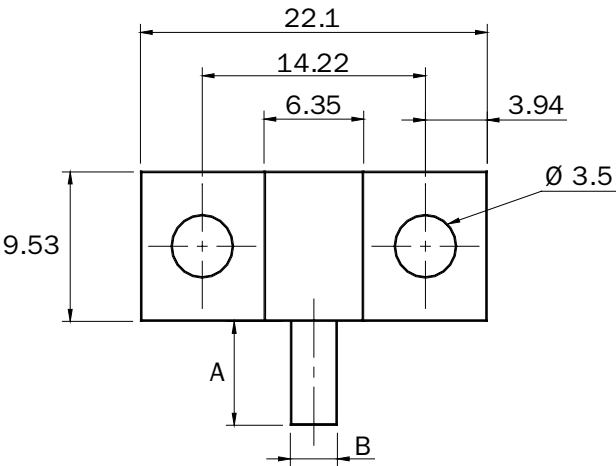
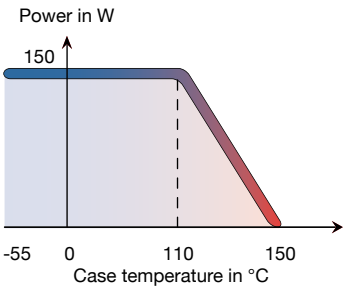


Standards
NF C 96-315
MIL-DTL-39030



Stripline Terminations

Substrate BeO
Resistive film Thick film
Tab Ag
Mounting flange/Plating Cu/Ni
Cover substrate Al_2O_3
Size 8725



Dimensions in mm

P/N	Frequency (GHz)	Power (W)	Impedance ($\Omega \pm 5\%$)	Max VSWR	A (mm)	B (mm)
17-0236	2.2	150	50	1.30	10	3
17-0404	2.2	150	50	1.30	6	1.5

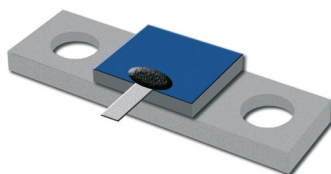
[Return to Search by Part Number](#)

mm	inch
0.1	0.004
1.57	0.062
2.57	0.101
3	0.118
3.5	0.138
3.7	0.146
3.94	0.155
4.3	0.169
6	0.236
6.35	0.250
9.53	0.375
10	0.394
14.22	0.560
22.1	0.870

150 W 3 GHz AIN

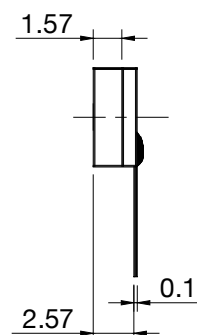
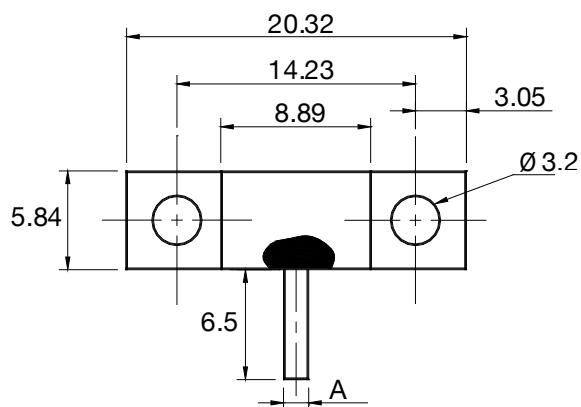
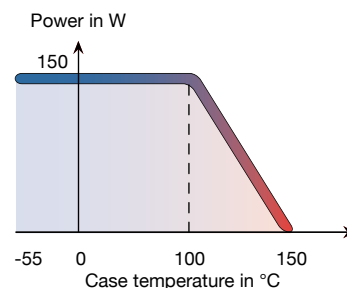


Standards
NF C 96-315
MIL-DTL-39030



Stripline Terminations

Substrate	AlN
Resistive film	Thick film
Tab	Ag
Protection film	Epoxy
Mounting flange/Plating	Cu/Ni
Tab attachment	Brazed with epoxy encapsulation
Size	8023



Dimensions in mm

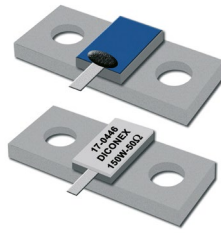
[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Impedance ($\Omega \pm 5\%$)	Max VSWR	A (mm)
17-0532	3	150	50	1.20	1.5
17-0646	3	150	50	1.20	3

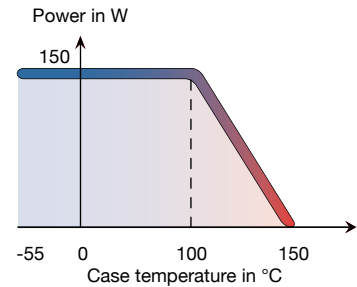
mm	inch
0.1	0.004
1.5	0.059
1.57	0.062
2.57	0.101
3	0.118
3.05	0.120
3.2	0.126
5.84	0.230
6.5	0.256
8.89	0.350
14.23	0.560
20.32	0.800

150 W 4 GHz AIN

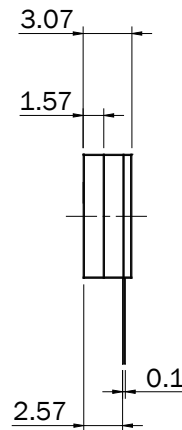
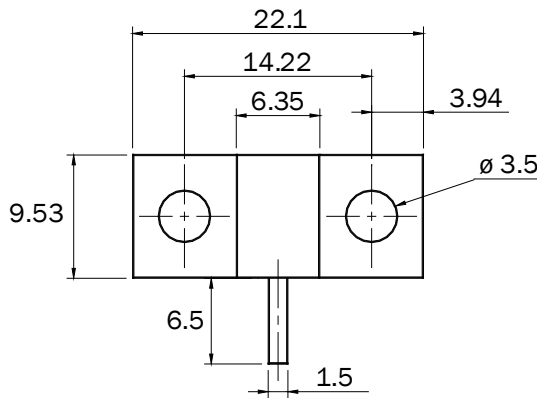
Standards
NF C 96-315
MIL-DTL-39030



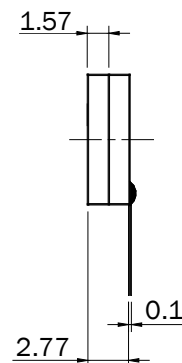
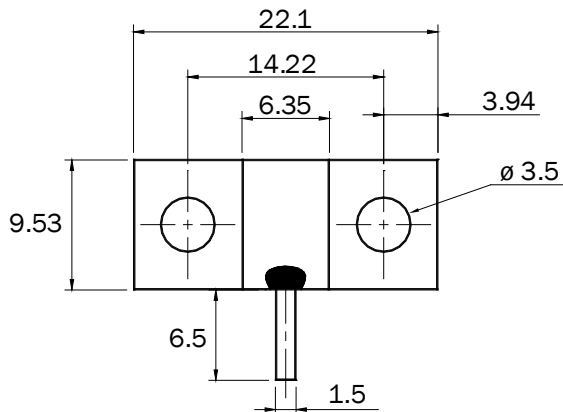
Substrate	AlN
Resistive film	Thick film
Tab	Ag
Protection film	Epoxy
Mounting flange/Plating	Cu/Ni
Tab attachment	Brazed with epoxy encapsulation (17-0481)
Cover substrate	Al ₂ O ₃ (17-0446, 17-0684, 17-0687)
Size	8725



17-0446
17-0684
17-0687



17-0481



Dimensions in mm

[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Impedance ($\Omega \pm 5\%$)	Max VSWR
17-0687	2	150	25	-
17-0446	3	150	50	1.10
17-0684	2	150	100	-
17-0481	4	150	50	1.20

mm	inch
0.1	0.004
1.5	0.059
1.57	0.062
2.57	0.101
2.77	0.109
3.07	0.121
3.5	0.138
3.94	0.155
6.35	0.250
6.5	0.256
9.53	0.375
14.22	0.560
22.1	0.870

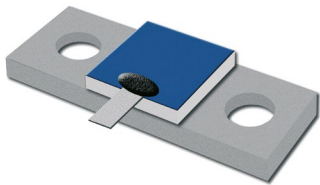
Stripline Terminations



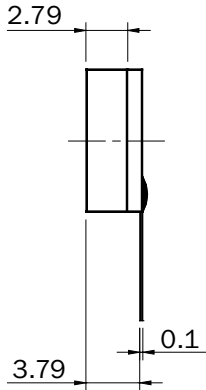
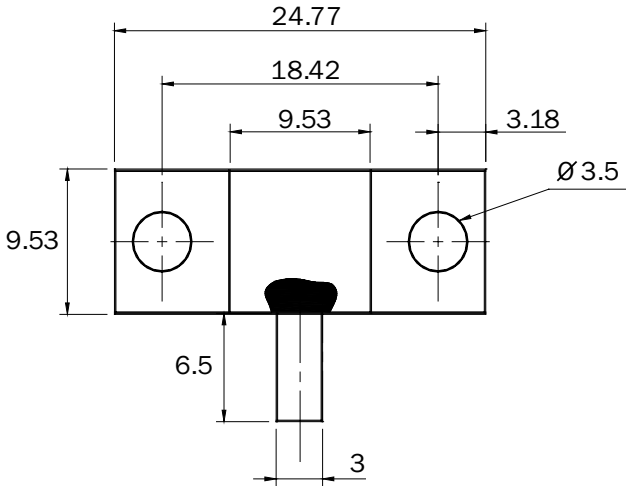
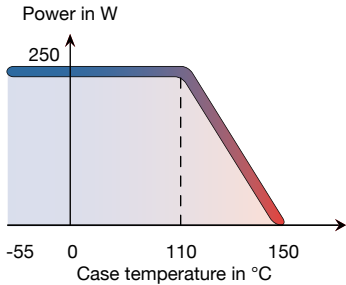
220 W 5 GHz BeO



Standards
NF C 96-315
MIL-DTL-39030



Substrate	BeO
Resistive film	Thick film
Tab	Ag
Protection film	Epoxy
Mounting flange/Plating	Cu/Ni
Tab attachment	Brazed with epoxy encapsulation
Size	9838



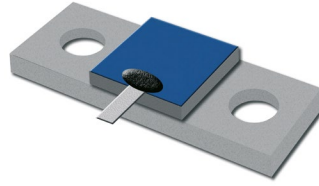
Dimensions in mm

[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Impedance ($\Omega \pm 5\%$)	Max VSWR
17-0850	5	220	50	1.10

mm	inch
0.1	0.004
2.79	0.110
3	0.118
3.18	0.125
3.5	0.138
3.79	0.149
6.5	0.256
9.53	0.375
18.42	0.725
24.77	0.975

250 W 2.2 GHz AIN

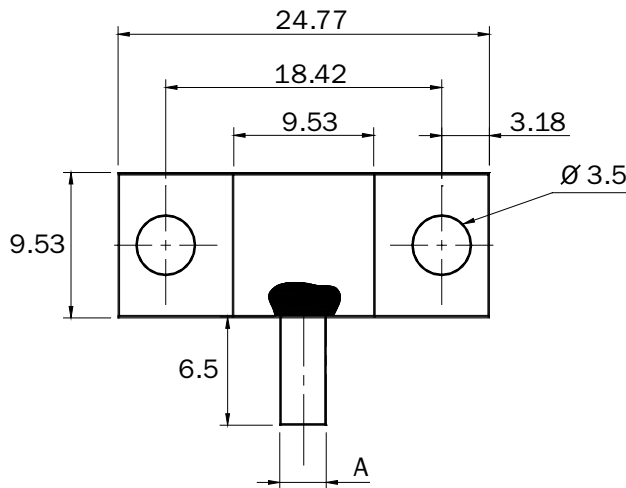
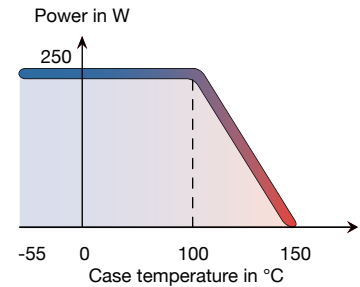


Standards
NF C 96-315
MIL-DTL-39030

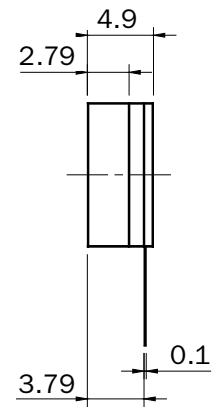
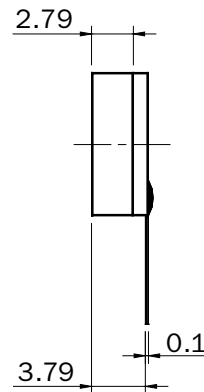


Stripline Terminations

Substrate	AlN
Resistive film	Thick film
Tab	Ag
Protection film	Epoxy
Mounting flange/Plating	Cu/Ni
Tab attachment	Brazed with epoxy encapsulation
Cover substrate	Al ₂ O ₃ (P/N 17-0560)
Size	9838



Dimensions in mm



17-0560

[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Impedance ($\Omega \pm 5\%$)	Max VSWR	A (mm)
17-0408	2.2	250	50	1.10*	3
17-0513	2.2	250	50	1.10*	1.5
17-0466	0.2	250	100	-	3
17-0560	2	250	50	1.06**	3

* VSWR $\leq$ 1.05 at 870 MHz

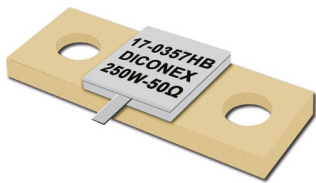
** VSWR $\leq$ 1.20 at 2.2 GHz

mm	inch
0.1	0.004
1.5	0.059
2.79	0.110
3	0.118
3.18	0.125
3.5	0.138
3.79	0.149
4.9	0.193
6.5	0.256
9.53	0.375
18.42	0.725
24.77	0.975

250 W 3 GHz BeO High Brazed

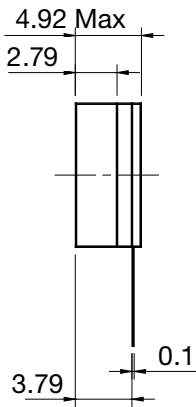
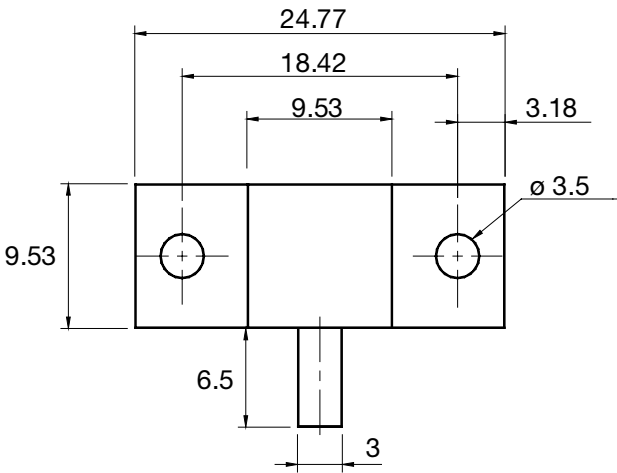
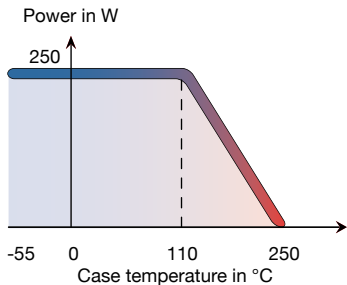


Standards
NF C 96-315
MIL-DTL-39030



Substrate
Resistive film
Tab/Plating
Mounting flange/Plating
Cover substrate
Size

BeO
Thick film
CuBe/Au
Cu/Au
 Al_2O_3
9838



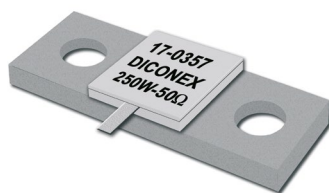
Dimensions in mm

[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Impedance ($\Omega \pm 5\%$)	Max VSWR
17-0357HB	3	250	50	1.25

mm	inch
0.1	0.004
2.79	0.110
3	0.118
3.18	0.125
3.5	0.138
3.79	0.149
4.92	0.194
6.5	0.256
9.53	0.375
18.42	0.725
24.77	0.975

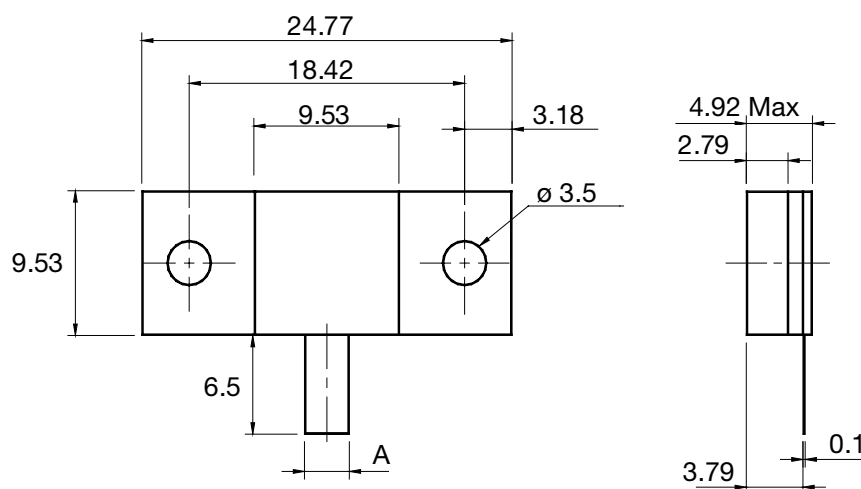
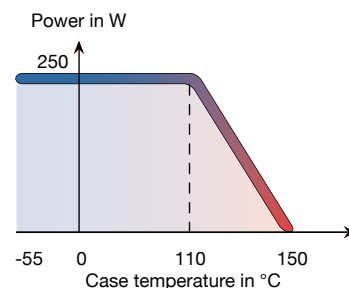
250 W 4 GHz BeO



Standards
NF C 96-315
MIL-DTL-39030



Substrate BeO
Resistive film Thick film
Tab/Plating Ag
Mounting flange/Plating Cu/Ni
Cover substrate Al_2O_3
Size 9838



Dimensions in mm

[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Impedance ($\Omega \pm 5\%$)	Max VSWR	A (mm)
17-0525	1	250	12.5	-	3
17-0340	1	250	50	1.30	3
17-0906	3	250	50	1.25	1.5
17-0357	3	250	50	1.25	3
17-0469	0.3	250	100	-	3
17-0606	3.5	250	50	1.30*	3
17-0697	4	250	50	1.20**	1.5
17-0699	4	250	50	1.20**	3

mm	inch
0.1	0.004
1.5	0.059
2.79	0.110
3	0.118
3.18	0.125
3.5	0.138
3.79	0.149
4.9	0.193
6.5	0.256
9.53	0.375
18.42	0.725
24.77	0.975

* VSWR ≤ 1.06 at 1.5 GHz

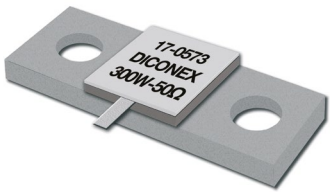
** Optimized for digital applications VSWR ≤ 1.06 at 850 MHz



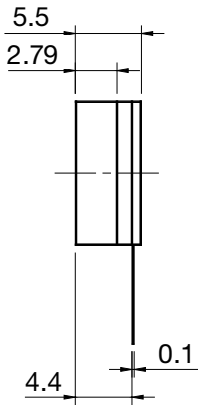
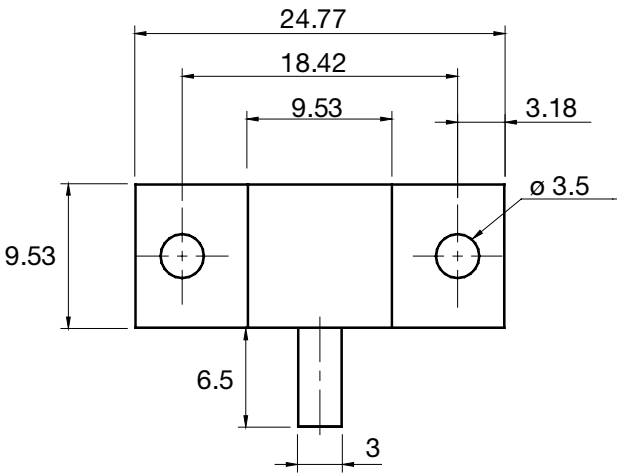
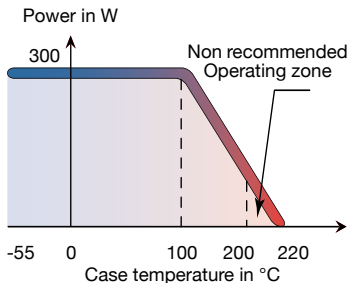
300 W 1 GHz AIN



Standards
NF C 96-315
MIL-DTL-39030



Substrate	AlN
Resistive film	Thick film
Tab/Plating	Ag
Mounting flange/Plating	Cu/Ni
Cover substrate	Al ₂ O ₃
Size	9838



Dimensions in mm

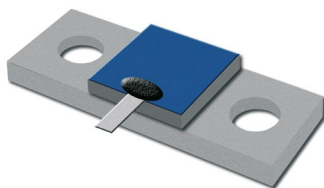
[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Impedance ($\Omega \pm 5\%$)	Max VSWR
17-0573	1	300	50	1.06

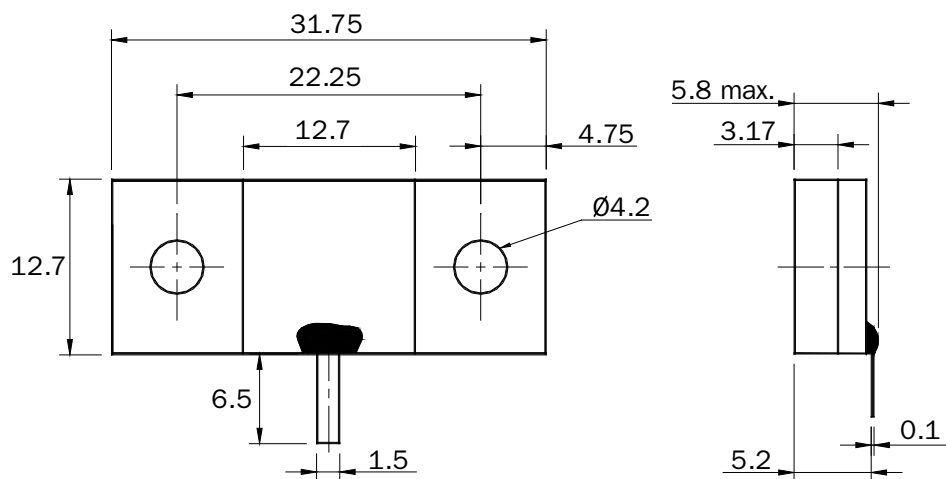
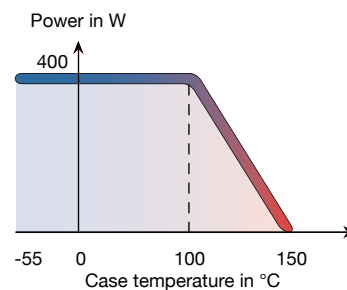
mm	inch
0.1	0.004
2.79	0.110
3	0.118
3.18	0.125
3.5	0.138
4.4	0.173
5.5	0.216
6.5	0.256
9.53	0.375
18.42	0.725
24.77	0.975

400 W 1 GHz AIN

Standards
NF C 96-315
MIL-DTL-39030



Substrate	AIN
Resistive film	Thick film
Tab	Ag
Protection film	Epoxy
Mounting flange/Plating	Cu/Ni
Tab attachment	Brazed with epoxy encapsulation
Size	12550



Dimensions in mm

Stripline Terminations



[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Impedance ($\Omega \pm 5\%$)	Max VSWR
17-0438	1	400	50	1.10*

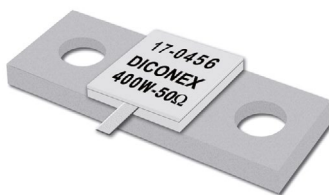
mm	inch
0.1	0.004
1.5	0.059
3.17	0.125
4.2	0.165
4.75	0.187
5.2	0.200
5.8	0.228
6.5	0.256
12.7	0.500
22.25	0.876
31.75	1.250

* VSWR ≤ 1.05 at 860 MHz

400 W 2 GHz BeO

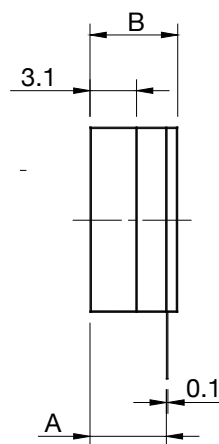
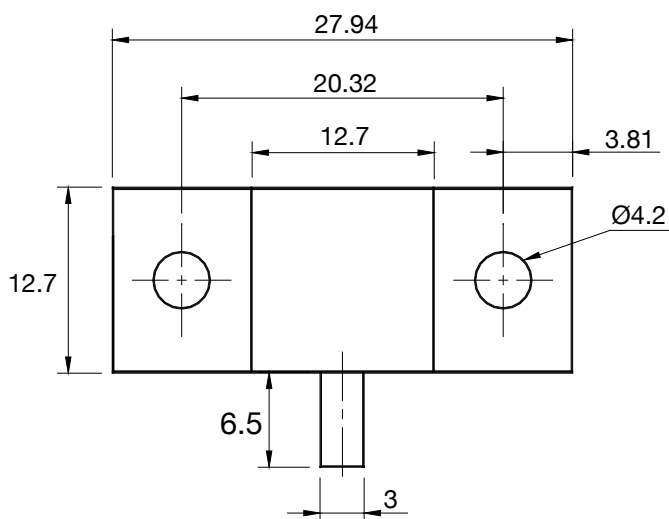
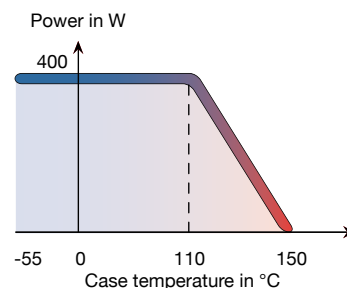


Standards
NF C 96-315
MIL-DTL-39030



Stripline Terminations

Substrate	BeO
Resistive film	Thick film
Tab	Ag
Mounting flange/Plating	Cu/Ni
Cover substrate	Al ₂ O ₃
Size	11050



Dimensions in mm

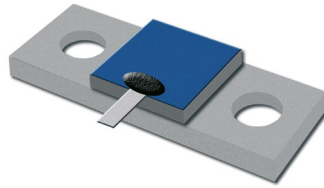
[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Impedance ($\Omega \pm 5\%$)	Max VSWR	A (mm)	B (mm)
17-0528	0.5	400	50	1.25	4.2	5.1
17-0456	1	400	50	1.20	5.1	6
17-0612	1	400	100	-	5.1	6
17-0890	2	400	50	1.25	5.1	6

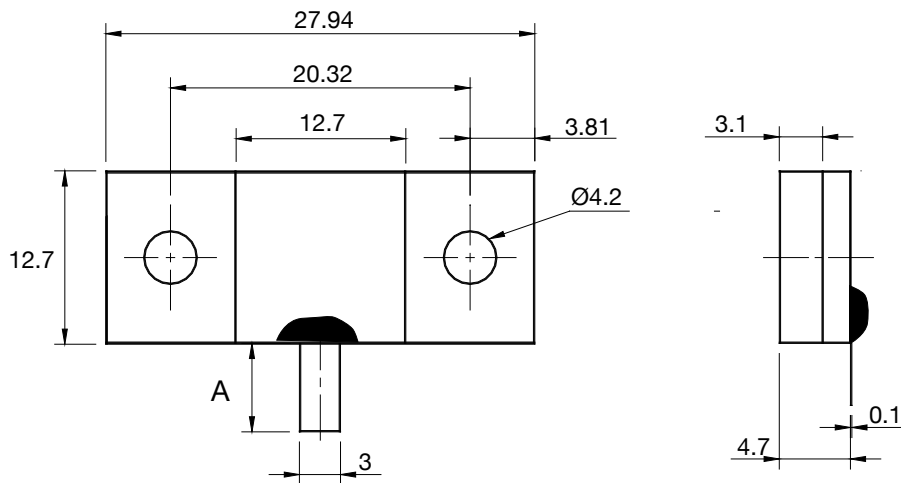
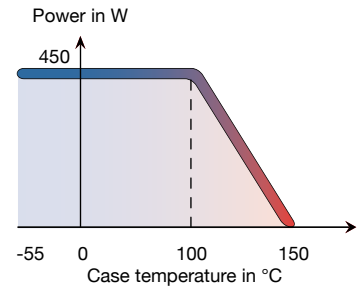
mm	inch
0.1	0.004
3	0.118
3.1	0.125
3.81	0.150
4.2	0.165
5.1	0.200
6	0.236
6.5	0.256
12.7	0.500
20.32	0.800
27.94	1.100

450 W 3 GHz AIN

Standards
NF C 96-315
MIL-DTL-39030

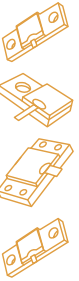


Substrate	AlN
Resistive film	Thick film
Tab	CuBe2/Ag
Protection film	Epoxy
Mounting flange/Plating	Cu/Ni
Tab attachment	Brazed with epoxy encapsulation
Size	11050



Dimensions in mm

Stripline Terminations



[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Impedance ($\Omega \pm 5\%$)	Max VSWR	A (mm)
17-0821	3	450	50	1.30*	6.5
17-0868	3	450	50	1.30*	14

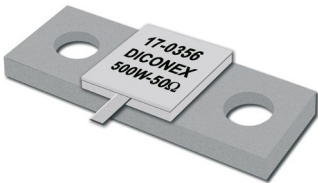
* VSWR $\leq$ 1.10 at 860 MHz

mm	inch
0.1	0.004
3	0.118
3.1	0.125
3.81	0.150
4.2	0.165
4.7	0.187
5.3	0.209
6.5	0.256
12.7	0.500
14	0.551
20.32	0.800
27.94	1.100

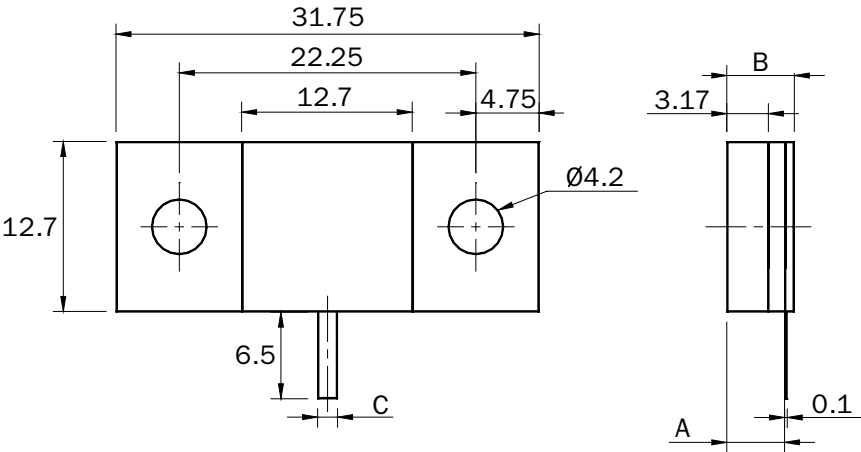
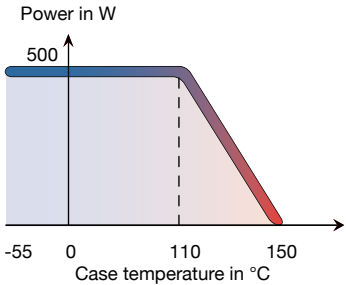
500 W 2 GHz BeO



Standards
NF C 96-315
MIL-DTL-39030



Substrate	BeO
Resistive film	Thick film
Tab/Plating	Ag
Mounting flange/Plating	Cu/Ni
Cover substrate	Al ₂ O ₃
Size	12550



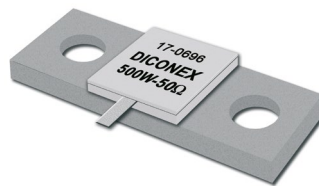
Dimensions in mm

[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Impedance ($\Omega \pm 5\%$)	Max VSWR	A (mm)	B (mm)	C (mm)
17-0329	0.5	500	50	1.25	4.2	5.1	1.5
17-0681	0.5	500	100	-	4.2	5.1	1.5
17-0898	1	500	50	1.2	5.2	6	1
17-0356	1	500	50	1.2	5.1	6	1.5
17-0515	1	500	50	1.2	5.1	6	3
17-0649	2	500	50	1.25	5.1	6	3

mm	inch
0.1	0.004
1	0.039
1.5	0.059
3	0.118
3.17	0.125
4.2	0.165
4.75	0.187
5.1	0.201
6	0.236
6.5	0.256
12.7	0.500
22.25	0.876
31.75	1.250

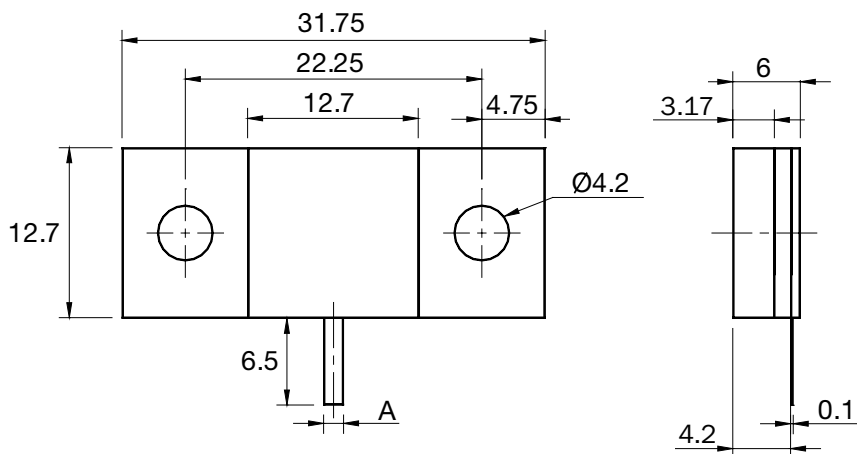
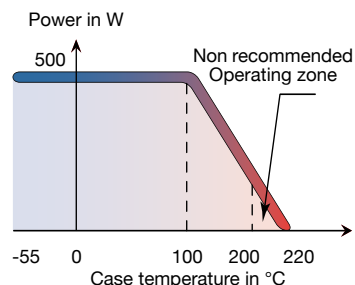
500 W 4 GHz BeO



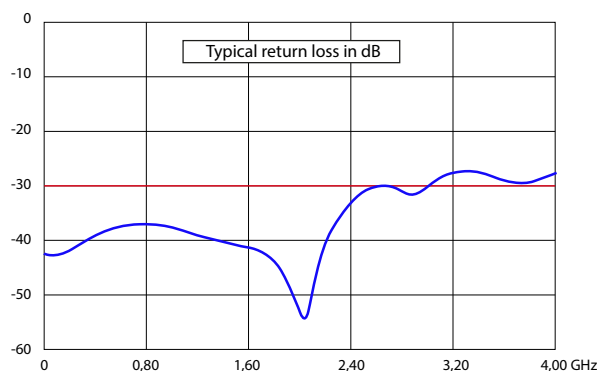
Standards
NF C 96-315
MIL-DTL-39030



Substrate BeO
Resistive film Thick film
Tab/Plating Ag
Mounting flange/Plating Cu/Ni
Cover substrate Al_2O_3
Size 12550



Dimensions in mm



[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Impedance ($\Omega \pm 5\%$)	Max VSWR*	A (mm)
17-0696	4	500	50	1.20	1.5
17-0698	4	500	50	1.20	3

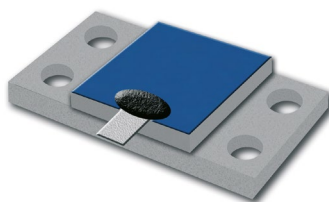
mm	inch
0.1	0.004
1.5	0.059
3.17	0.125
4.2	0.165
4.75	0.187
5.1	0.201
6	0.236
6.5	0.256
12.7	0.500
22.25	0.876
31.75	1.250

* Optimised for digital applications VSWR ≤ 1.06 at 860 MHz

600 W 1 GHz AIN

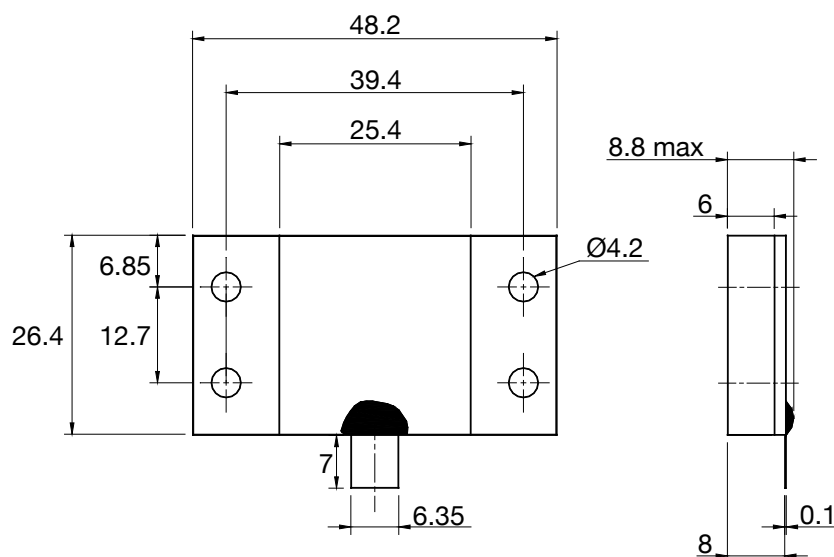
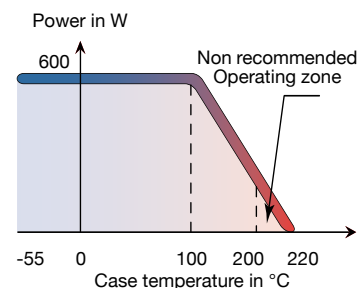


Standards
NF C 96-315
MIL-DTL-39030



Stripline Terminations

Substrate	AlN
Resistive film	Thick film
Tab	CuBe/Ag
Protection film	Epoxy
Mounting flange/Plating	Cu/Ni
Tab attachment	Brazed with epoxy encapsulation
Size	190104



Dimensions in mm

[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Impedance ($\Omega \pm 5\%$)	Max VSWR	A (mm)
17-0439	1	600	50	1.2*	7
17-0648	1	600	50	1.2*	10
17-0510	1	600	100	-	7

mm	inch
0.1	0.004
4.2	0.165
6	0.236
6.35	0.250
6.85	0.270
7	0.276
8	0.315
8.8	0.346
12.7	0.500
25.4	1.000
26.4	1.039
39.4	1.551
48.2	1.898

* VSWR $\leq$ 1.10 at 860 MHz

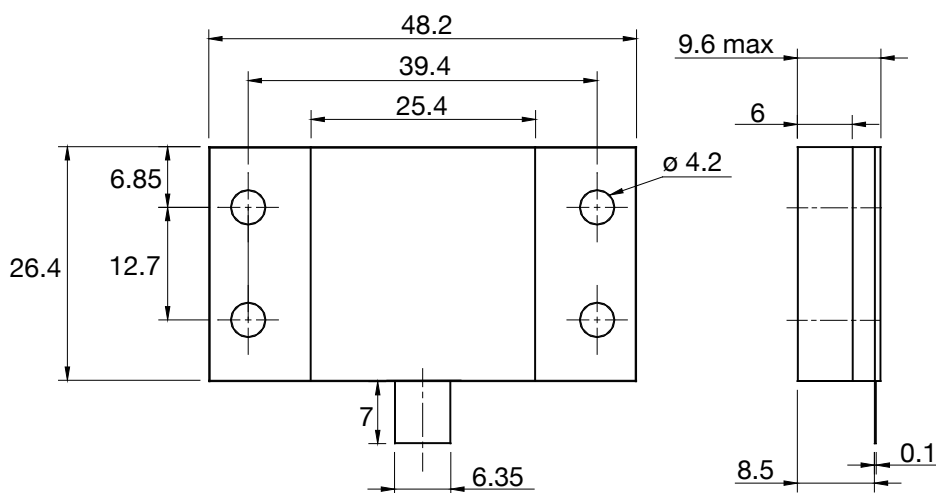
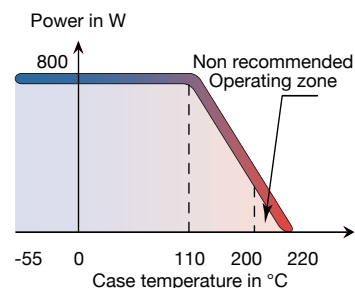
800 W 1 GHz AIN



Standards
NF C 96-315
MIL-DTL-39030



Substrate AIN
Resistive film Thick film
Tab/Plating CuBe/Ag
Mounting flange/Plating Cu/Ni
Cover substrate Al_2O_3
Size 190104



Dimensions in mm

[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Impedance ($\Omega \pm 5\%$)	Max VSWR
17-0530	1	800	50	1.25*
17-0739	1	800	100	-

mm	inch
0.1	0.004
4.2	0.166
6	0.236
6.35	0.250
6.85	0.270
7	0.276
8.5	0.335
9.6	0.378
12.7	0.500
25.4	1.000
26.4	1.040
39.4	1.551
48.2	1.898

* Optimised for digital applications VSWR ≤ 1.06 at 800 MHz



800 W 1 GHz BeO

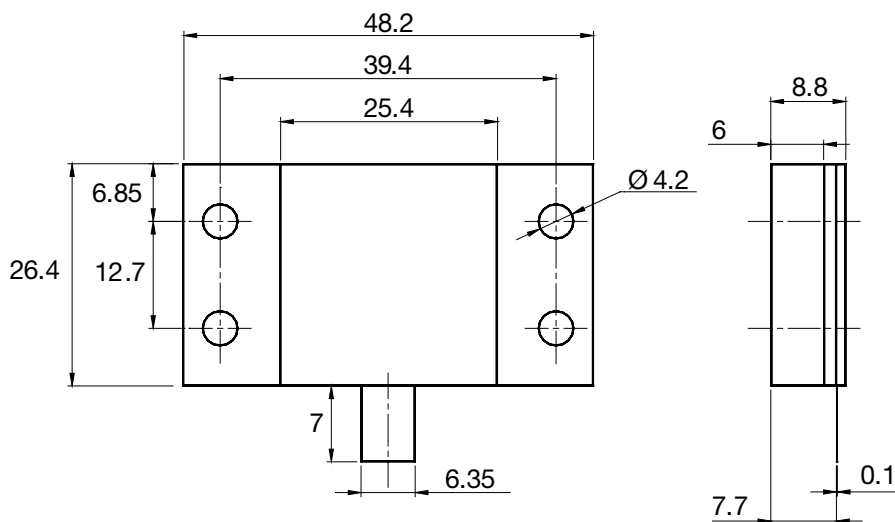
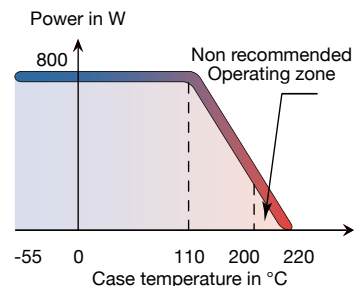


Standards
NF C 96-315
MIL-DTL-39030



Stripline Terminations

Substrate	BeO
Resistive film	Thick film
Tab/Plating	CuBe/Ag
Mounting flange/Plating	Cu/Ni
Cover substrate	Al ₂ O ₃
Size	190104



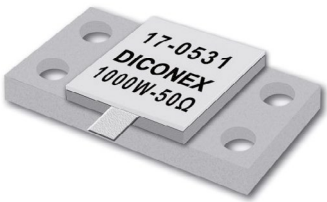
Dimensions in mm

[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Impedance ($\Omega \pm 5\%$)	Max VSWR
17-0402	0.25	800	12.5	-
17-0409	0.25	800	25	-
17-0376	1	800	50	1.20
17-0360	1	800	100	-

mm	inch
0.1	0.004
4.2	0.165
6	0.236
6.35	0.250
6.85	0.270
7	0.276
7.7	0.303
8.8	0.346
12.7	0.500
25.4	1.000
26.4	1.040
39.4	1.551
48.2	1.898

1000 W 1 GHz AIN

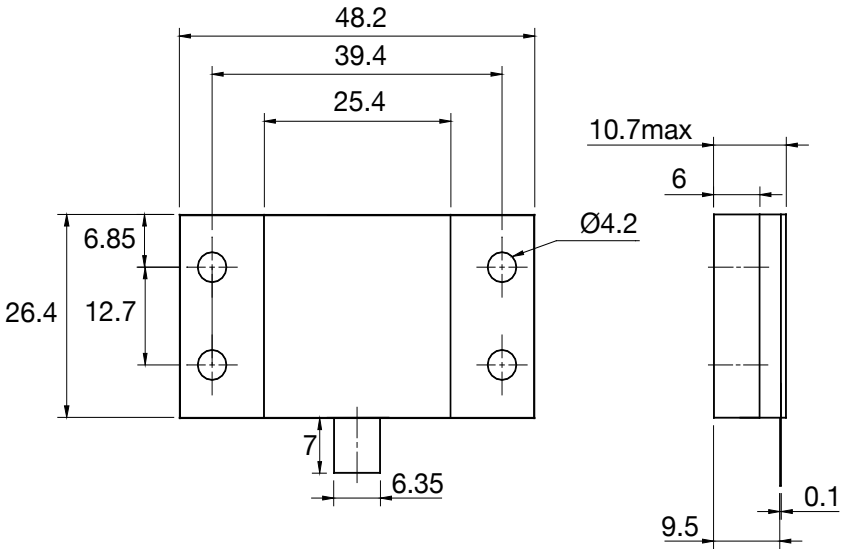
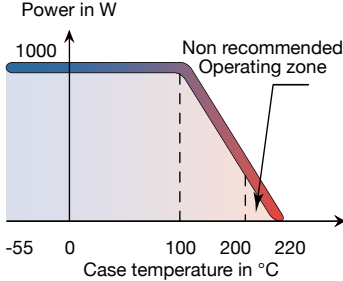


Standards
NF C 96-315
MIL-DTL-39030



Stripline Terminations

Substrate AIN
Resistive film Thick film
Tab/Plating CuBe/Ag
Mounting flange/Plating Cu/Ni
Cover substrate Al_2O_3
Size 190104



Dimensions in mm

[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Impedance ($\Omega \pm 5\%$)	Max VSWR
17-0531	1	1000	50	1.10*

* Optimised for digital applications VSWR ≤ 1.06 at 860 MHz

mm	inch
0.1	0.004
4.2	0.166
6	0.236
6.35	0.250
6.85	0.270
7	0.276
9.5	0.374
10.7	0.421
12.7	0.500
25.4	1.000
26.4	1.040
39.4	1.551
48.2	1.898

1000 W 1 GHz BeO

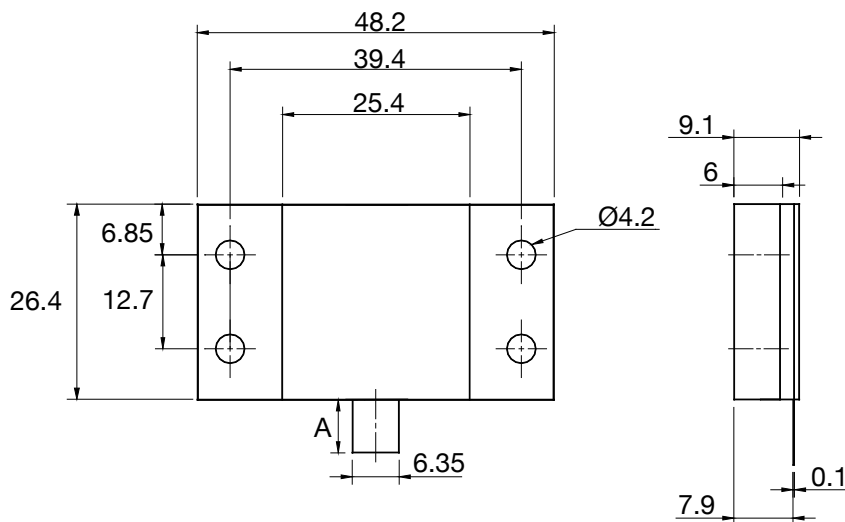
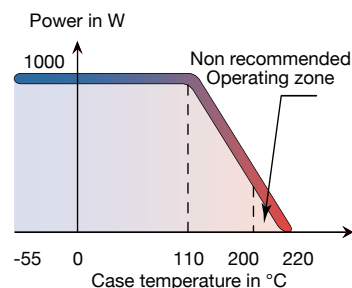


Standards
NF C 96-315
MIL-DTL-39030



Stripline Terminations

Substrate	BeO
Resistive film	Thick film
Tab/Plating	CuBe/Ag
Mounting flange/Plating	Cu/Ni
Cover substrate	Al ₂ O ₃
Size	190104



Dimensions in mm

[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Impedance ($\Omega \pm 5\%$)	Max VSWR	A (mm)
17-0544	1	1000	50	1.25*	7
17-0555	1	1000	50	1.25*	10

mm	inch
0.1	0.004
4.2	0.166
6	0.236
6.35	0.250
6.85	0.270
7	0.276
7.9	0.311
9.1	0.358
10	0.394
12.7	0.500
25.4	1.000
26.4	1.040
39.4	1.551
48.2	1.898

* Optimised for digital applications VSWR ≤ 1.06 at 800 MHz

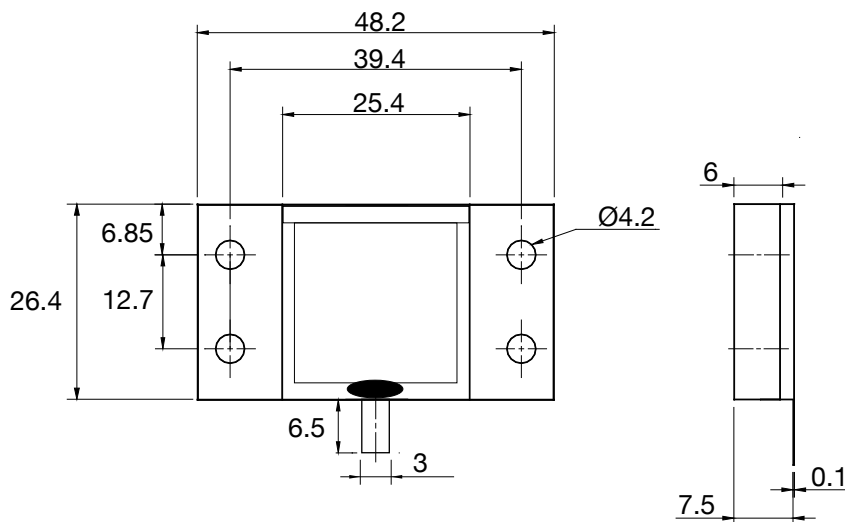
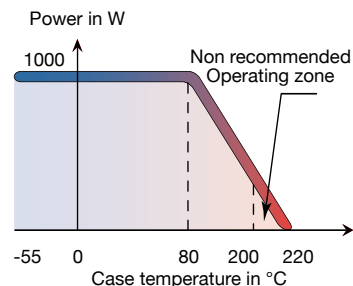
1000 W 2.45 GHz BeO



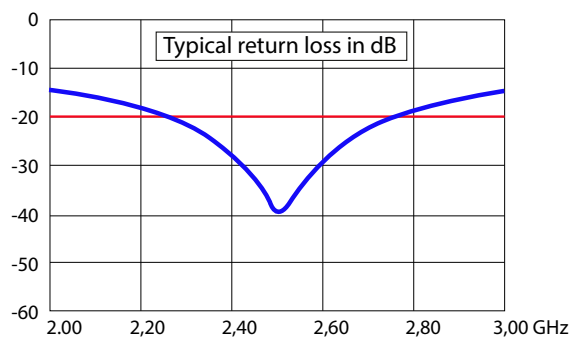
Standards
NF C 96-315
MIL-DTL-39030



Substrate	BeO
Resistive film	Thick film
Tab/Plating	CuBe/Ag
Mounting flange/Plating	Cu/Ni
Tab attachment	Brazed with epoxy encapsulation
Size	190104



Dimensions in mm



[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Impedance ($\Omega \pm 5\%$)	Max VSWR
17-0884	2.4-2.5	1000*	50	1.15*

mm	inch
0.1	0.004
3	0.118
4.2	0.166
6	0.236
6.5	0.256
6.85	0.270
7.5	0.295
12.7	0.500
25.4	1.000
26.4	1.040
39.4	1.551
48.2	1.898

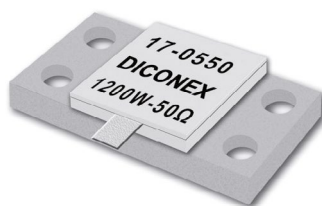
* 1000 W power rating is given for 80 °C case temperature,
Power rating falls to 800 W for 110 °C case temperature.



1200 W 1 GHz BeO

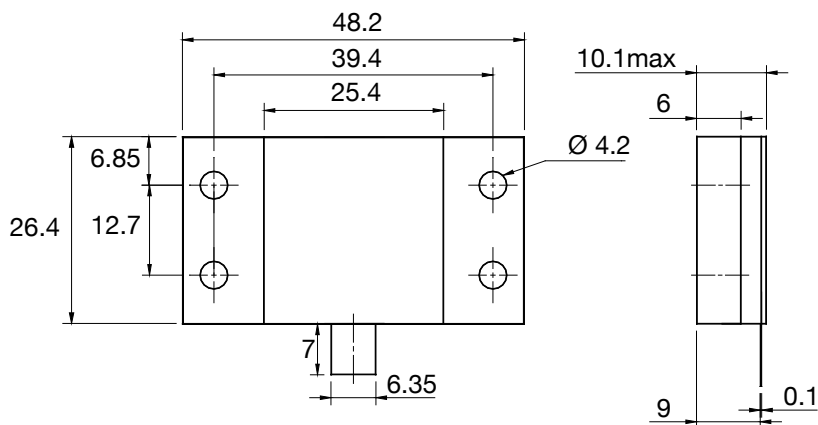
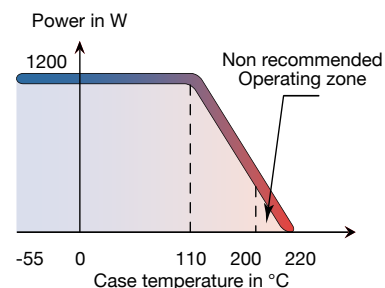


Standards
NF C 96-315
MIL-DTL-39030



Stripline Terminations

Substrate	BeO
Resistive film	Thick film
Tab/Plating	CuBe/Ag
Mounting flange/Plating	Cu/Ni
Cover substrate	Al ₂ O ₃
Size	190104



Dimensions in mm

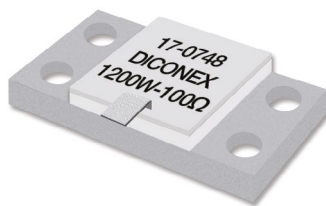
[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Impedance ($\Omega \pm 5\%$)	Max VSWR
17-0813	1	1200	25	-
17-0550	1	1200	50	1.25*
17-0658	1	1200	100	-

mm	inch
0.1	0.004
4.2	0.166
6	0.236
6.35	0.250
6.85	0.270
7	0.276
9	0.354
10.1	0.398
12.7	0.500
25.4	1.000
26.4	1.040
39.4	1.551
48.2	1.898

* Optimised for digital applications VSWR ≤ 1.06 at 800 MHz

1200 W 1.5 GHz BeO

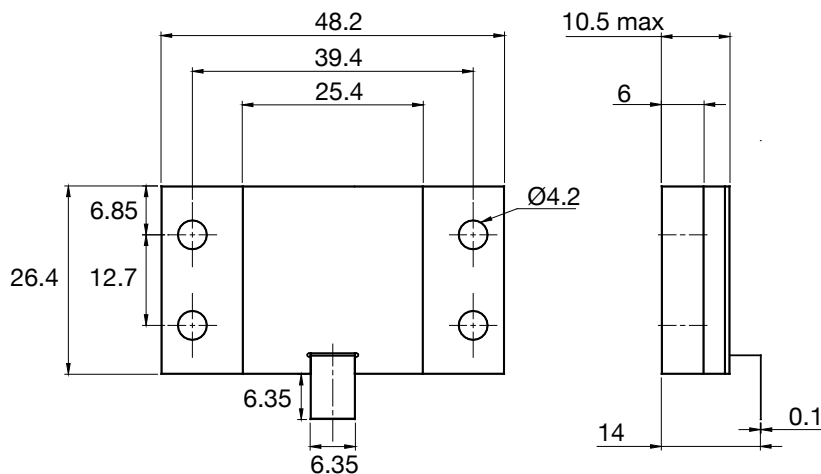
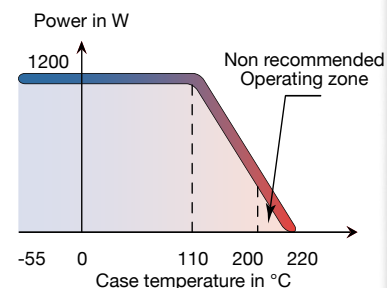


Standards
NF C 96-315
MIL-DTL-39030



Substrate
Resistive film
Tab/Plating
Mounting flange/Plating
Cover substrate
Size

BeO
Thick film
CuBe/Ag
Cu/Ni
Al₂O₃
190104



Dimensions in mm

[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Impedance ($\Omega \pm 5\%$)	Max VSWR
17-0748	1.5	1200	100	-

mm	inch
0.1	0.004
4.2	0.166
6	0.236
6.35	0.250
6.85	0.270
10.5	0.413
12.7	0.500
14	0.551
25.4	1.000
26.4	1.040
39.4	1.551
48.2	1.898

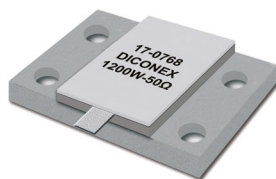
Stripline Terminations



1200 W 1 GHz AIN

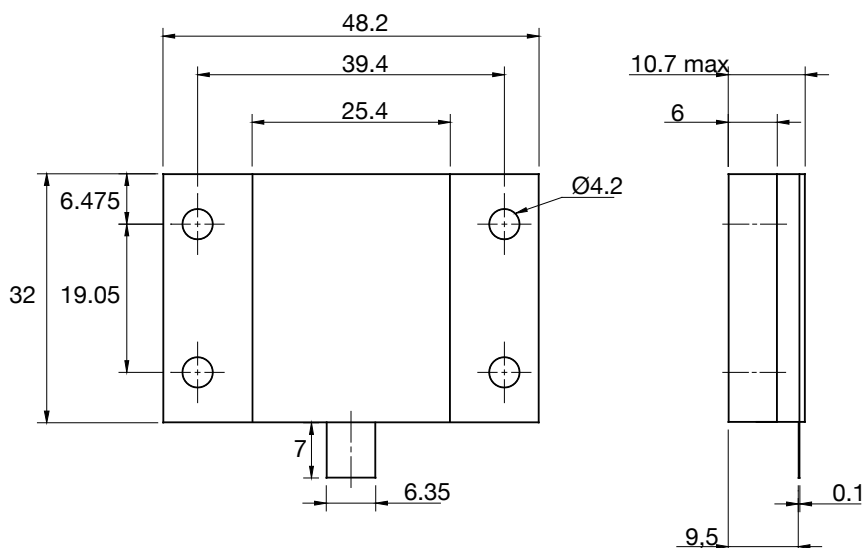
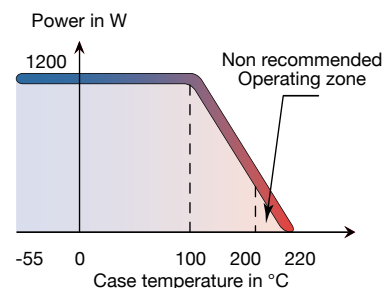


Standards
NF C 96-315
MIL-DTL-39030



Stripline Terminations

Substrate	AlN
Resistive film	Thick film
Tab/Plating	CuBe/Ag
Mounting flange/Plating	Cu/Ni
Cover substrate	Al ₂ O ₃
Size	190126



Dimensions in mm

[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Impedance ($\Omega \pm 5\%$)	Max VSWR
17-0768	1	1200	50	1.25*

mm	inch
0.1	0.004
4.2	0.166
6	0.236
6.35	0.250
6.465	0.254
9.5	0.374
10.7	0.421
19.05	0.75
25.4	1.000
32	1.260
39.4	1.551
48.2	1.898

* Optimised for digital applications VSWR ≤ 1.06 at 860 MHz

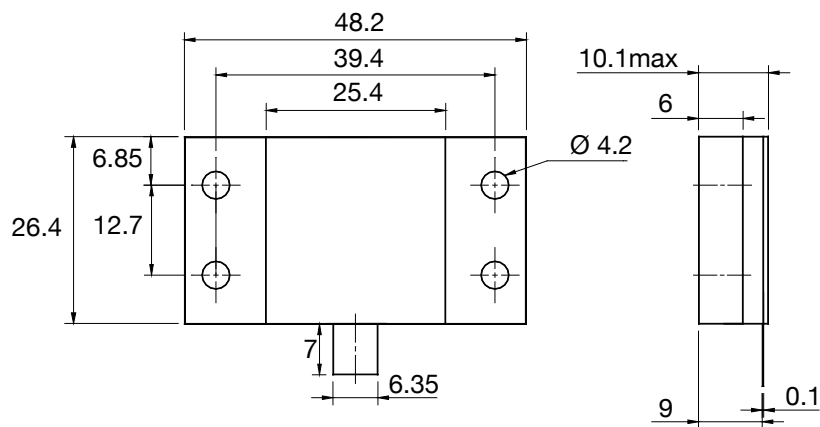
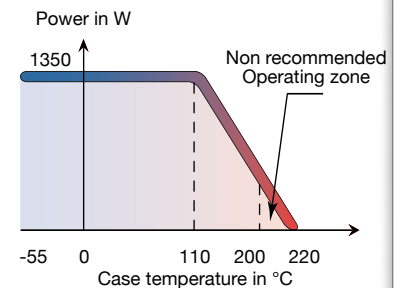
1350 W 1.5 GHz BeO



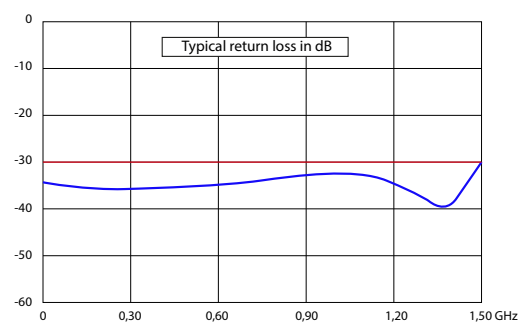
Standards
NF C 96-315
MIL-DTL-39030



Substrate	BeO
Resistive film	Thick film
Tab/Plating	CuBe/Ag
Mounting flange/Plating	Cu/Ni
Cover substrate	Al ₂ O ₃
Size	190104



Dimensions in mm



[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Impedance ($\Omega \pm 5\%$)	Max VSWR
17-0712	1.5	1350	50	1.15*
17-0731	1.5	1350	100	-

mm	inch
0.1	0.004
4.2	0.166
6	0.236
6.35	0.250
6.85	0.270
7	0.276
9	0.354
10.1	0.398
12.7	0.500
25.4	1.000
26.4	1.040
39.4	1.551
48.2	1.898

* Optimised for digital applications VSWR ≤ 1.06 at 860 MHz



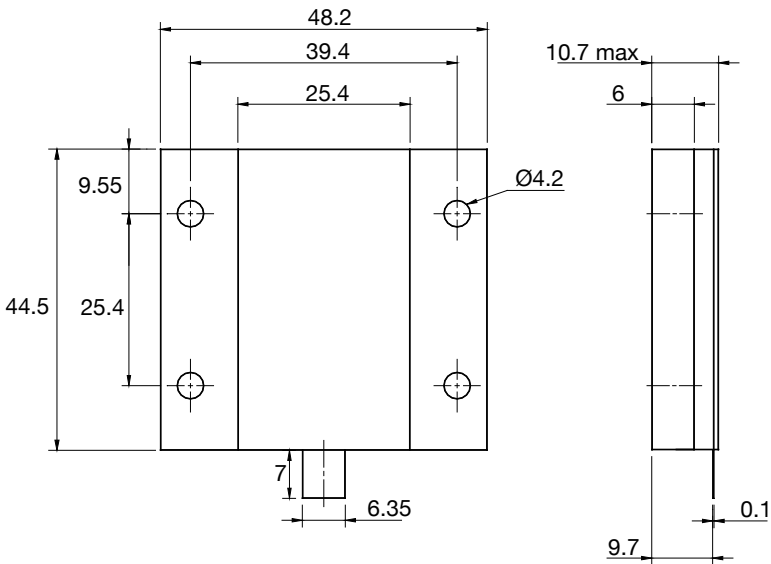
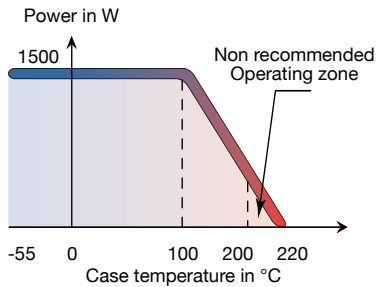
1500 W 0.9 GHz AIN



Standards
NF C 96-315
MIL-DTL-39030



Substrate	AlN
Resistive film	Thick film
Tab/Plating	CuBe/Ag
Mounting flange/Plating	Cu/Ni
Cover substrate	Al ₂ O ₃
Size	190175



Dimensions in mm

[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Impedance ($\Omega \pm 5\%$)	Max VSWR
17-0800	0.9	1500	50	1.15*

* Optimised for digital applications VSWR ≤ 1.06 at 860 MHz

mm	inch
0.1	0.004
4.2	0.166
6	0.236
6.35	0.250
7	0.276
9.55	0.376
9.7	0.382
10.7	0.421
25.4	1.000
39.4	1.551
44.5	1.75
48.2	1.898

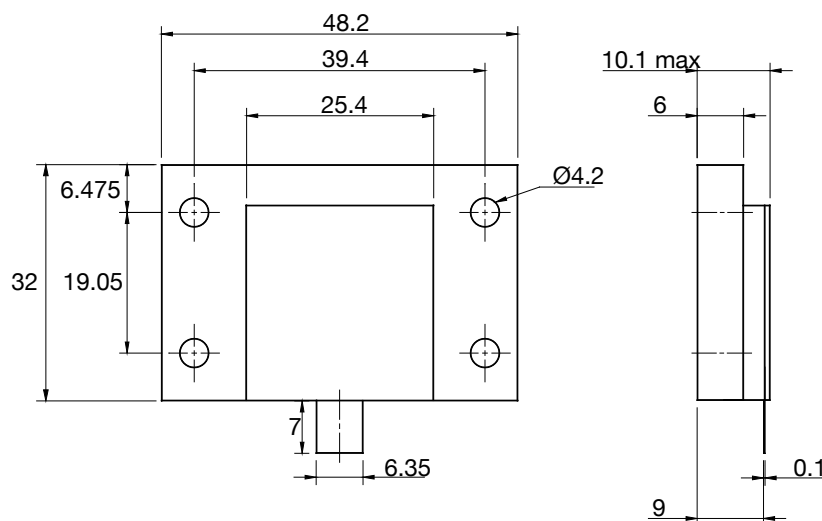
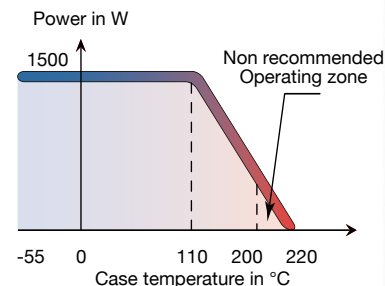
1500 W 1.5 GHz BeO



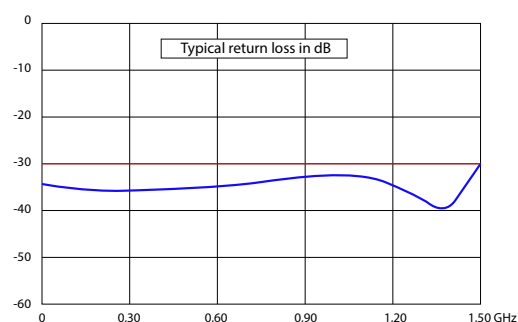
Standards
NF C 96-315
MIL-DTL-39030



Substrate	BeO
Resistive film	Thick film
Tab/Plating	CuBe/Ag
Mounting flange/Plating	Cu/Ni
Cover substrate	Al ₂ O ₃
Size	190126



Dimensions in mm



[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Impedance ($\Omega \pm 5\%$)	Max VSWR
17-0694	1.5	1500	50	1.15*
17-0732	1.5	1500	100	-

mm	inch
0.1	0.004
4.2	0.166
6	0.236
6.35	0.250
6.475	0.255
7	0.276
9	0.354
10.1	0.398
19.05	0.750
25.4	1.000
32	1.260
39.4	1.551
48.2	1.898

* Optimised for digital applications VSWR ≤ 1.06 at 860 MHz



1650 W 1.5 GHz BeO

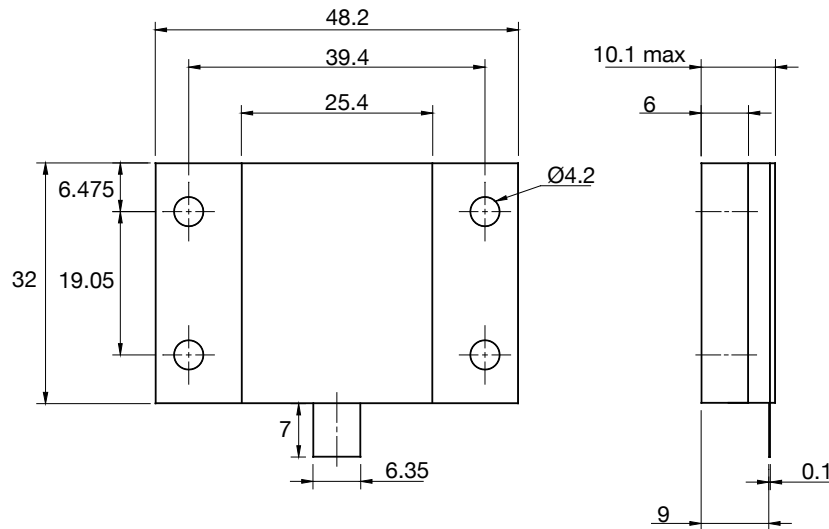
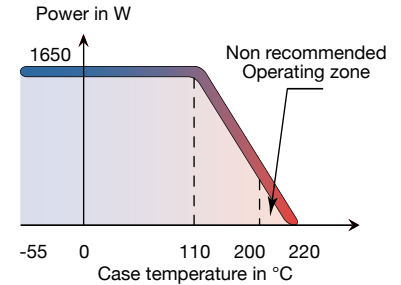


Standards
NF C 96-315
MIL-DTL-39030

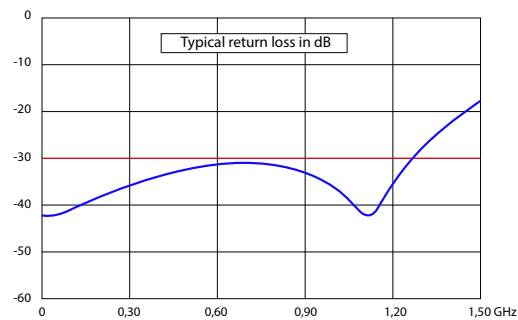


Stripline Terminations

Substrate	BeO
Resistive film	Thick film
Tab/Plating	CuBe/Ag
Mounting flange/Plating	Cu/Ni
Cover substrate	Al ₂ O ₃
Size	190126



Dimensions in mm



[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Impedance ($\Omega \pm 5\%$)	Max VSWR
17-0695	1.5	1650	50	1.30*
17-0733	1.5	1650	100	-

mm	inch
0.1	0.004
4.2	0.166
6	0.236
6.35	0.250
6.475	0.255
7	0.276
9	0.354
10.1	0.398
19.05	0.750
25.4	1.000
32	1.260
39.4	1.551
48.2	1.898

* Optimised for digital applications VSWR ≤ 1.06 at 860 MHz

Search by Part Number



Part Number	Page
17-0218	D4
17-0236	D23
17-0237	D17
17-0271	D3
17-0289	D4
17-0290	D12
17-0295	D16
17-0304	D9
17-0315	D6
17-0323	D16
17-0324	D16
17-0325	D12
17-0326	D12
17-0329	D34
17-0340	D29
17-0345	D21
17-0356	D34
17-0357HB	D28
17-0357	D29
17-0360	D38
17-0376	D38
17-0385	D13
17-0390	D13
17-0402	D38
17-0404	D23
17-0408	D27
17-0409	D38
17-0426	D6
17-0435	D22
17-0438	D31
17-0439	D36
17-0446	D25
17-0456	D32
17-0458	D15
17-0459	D13
17-0464	D13
17-0465	D19
17-0466	D27
17-0467	D3
17-0469	D29
17-0481	D25
17-0496	D18
17-0510	D36
17-0513	D27

Part Number	Page
17-0515	D34
17-0522	D15
17-0524	D13
17-0525	D29
17-0528	D32
17-0530	D37
17-0531	D39
17-0532	D24
17-0537	D11
17-0544	D40
17-0550	D42
17-0555	D40
17-0556	D12
17-0558	D16
17-0560	D27
17-0565	D15
17-0573	D30
17-0594	D5
17-0596	D10
17-0597	D10
17-0598	D10
17-0599	D14
17-0600	D14
17-0601	D14
17-0602	D20
17-0603	D20
17-0604	D20
17-0606	D29
17-0612	D32
17-0634	D8
17-0635	D8
17-0646	D24
17-0648	D36
17-0649	D34
17-0658	D42
17-0681	D34
17-0684	D25
17-0687	D25
17-0694	D47
17-0695	D48
17-0696	D35
17-0697	D29
17-0698	D35
17-0699	D29

Part Number	Page
17-0712	D45
17-0731	D45
17-0732	D47
17-0733	D48
17-0739	D37
17-0748	D43
17-0768	D44
17-0800	D46
17-0811	D18
17-0812	D18
17-0813	D42
17-0821	D33
17-0823	D7
17-0850	D26
17-0868	D33
17-0884	D41
17-0890	D32
17-0898	D34
17-0906	D29
17-3181	D9
17-3801	D9

