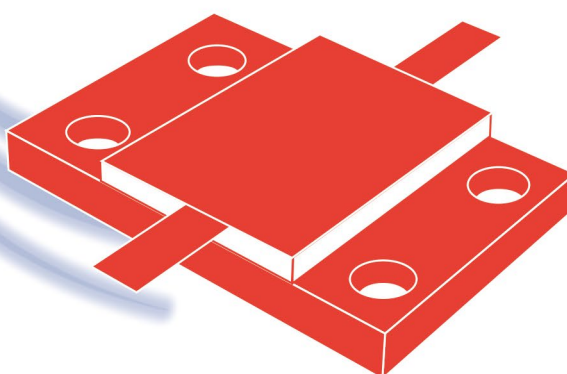


STRIPLINE RESISTORS



=> Search by Part Number



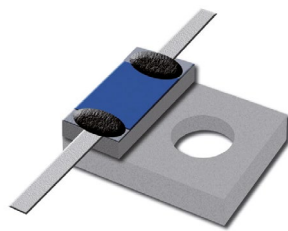


For Power Amplifiers, Couplers, Combiners & Resistors Networks

- ⇒ Easy Mounting on Cold Plate
- ⇒ Size 3020 to 190204
- ⇒ 10 W - 1650 W
- ⇒ Up to 4 GHz

10 W 3 GHz AlN	3	800 W 1 GHz AlN	22
10 W 4 GHz BeO	4	800 W 1 GHz BeO	23
20 W 3 GHz AlN	5	800 W 1 GHz BeO High Voltage	24
25 W 4 GHz BeO	6	1000 W 1 GHz AlN	25
30 W 3 GHz BeO	7	1000 W 1 GHz BeO	26
60 W 2.5 GHz AlN	8	1000 W 1 GHz BeO High Voltage	27
60 W 2.5 GHz BeO	9	1200 W 1 GHz BeO	28
100 W 3 GHz BeO	10	1300 W 1 GHz BeO High Voltage	29
100 W 3 GHz BeO	11	1350 W 1 GHz BeO	30
150 W 2 GHz AlN	12	1400 W 1 GHz BeO High Voltage	31
150 W 2.5 GHz BeO	13	1500 W 1 GHz BeO	32
150 W 2.5 GHz BeO	14	1500 W 1 GHz BeO High Voltage	33
250 W 1 GHz AlN	15	1500 W 1 GHz BeO High Voltage	34
250 W 2.5 GHz BeO	16	1650 W 1 GHz BeO	35
400 W 1 GHz BeO	17	Search by Part Number	36
400 W 1.5 GHz AlN	18	Notes	37
500 W 1 GHz BeO	19	Notes	38
600 W 1 GHz AlN	20	Notes	39
750 W 1 GHz BeO High Voltage	21		

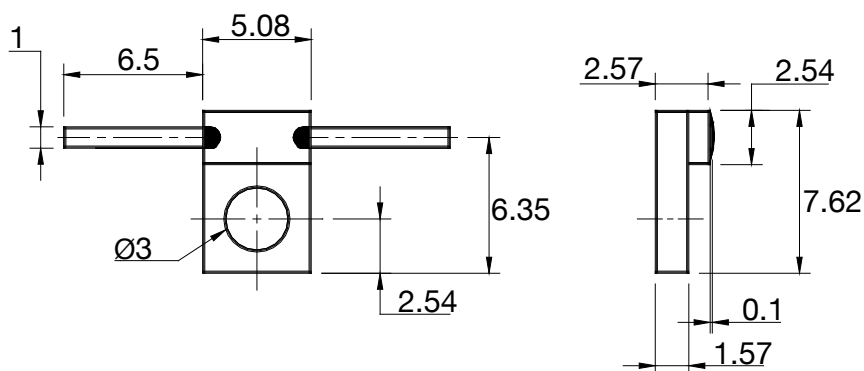
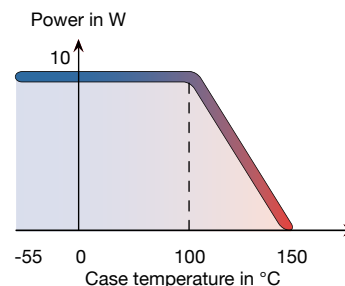
10 W 3 GHz AIN



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)	Resistance* ($\Omega \pm 5\%$)	Capacitance** C_0 (pF)
39-0046	3	10	50	1
39-0098	3	10	100	1

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

* Others values on request

** C_0 is the value of capacitance measured in DC.

C_{HF} is the RF equivalent capacitance measured with NWA with one port grounded $C_{HF} = 1/3 C_0$



10 W 4 GHz BeO

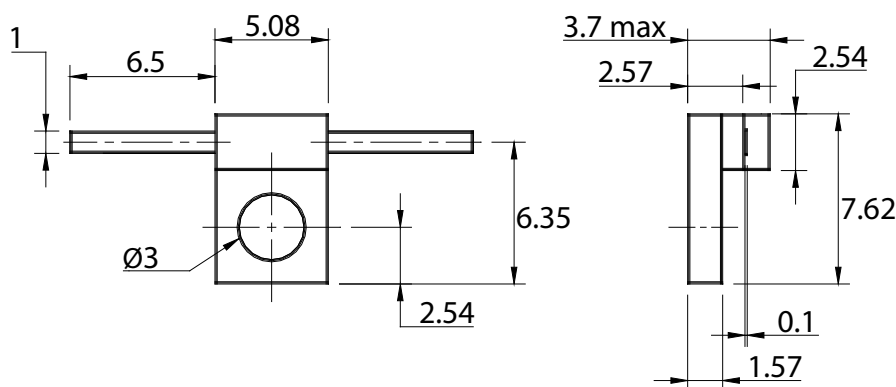
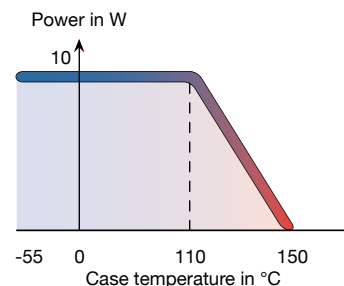


Standards
NF C 96-315
MIL-DTL-39030



Stripline Resistors

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)	Resistance* ($\Omega \pm 5\%$)	Capacitance** C ₀ (pF)
39-0029	4	10	50	0.8
39-0155	4	10	75	0.8
39-0040	4	10	100	0.8
39-0107	4	10	200	0.8
39-0156	4	10	220	0.8

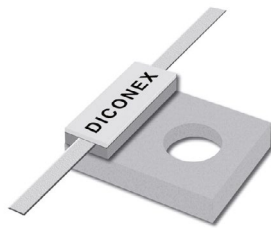
mm	inch
0.1	0.004
1	0.039
1.57	0.062
2.54	0.100
2.57	0.101
3	0.118
3.7	0.146
5.08	0.200
6.35	0.250
6.5	0.256
7.62	0.300

* Others values on request

** C₀ is the value of capacitance measured in DC.

C_{HF} is the RF equivalent capacitance measured with NWA with one port grounded C_{HF} = 1/3 C₀

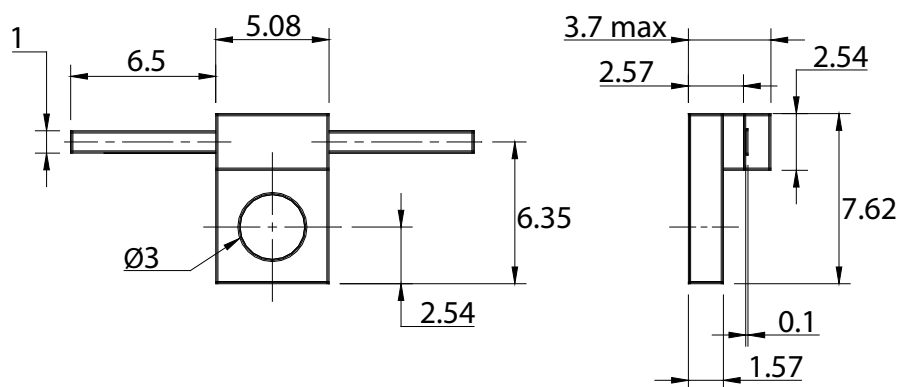
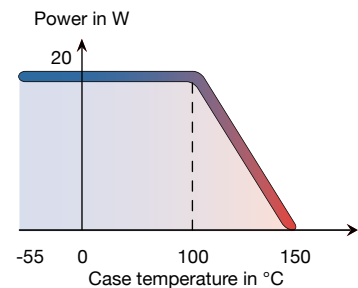
20 W 3 GHz AIN



Standards
NF C 96-315
MIL-DTL-39030



Substrate	AlN
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)	Resistance* (Ω ± 5%)	Capacitance** C ₀ (pF)
39-0178	3	20	50	1
39-0179	3	20	100	1
39-0180	3	20	200	1
39-0181	3	20	400	1
39-0182	3	20	600	1
39-0183	3	20	800	1
39-0336	3	20	1000	1

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

* Others values on request

** C₀ is the value of capacitance measured in DC.

C_{HF} is the RF equivalent capacitance measured with NWA with one port grounded C_{HF} = 1/3 C₀



25 W 4 GHz BeO

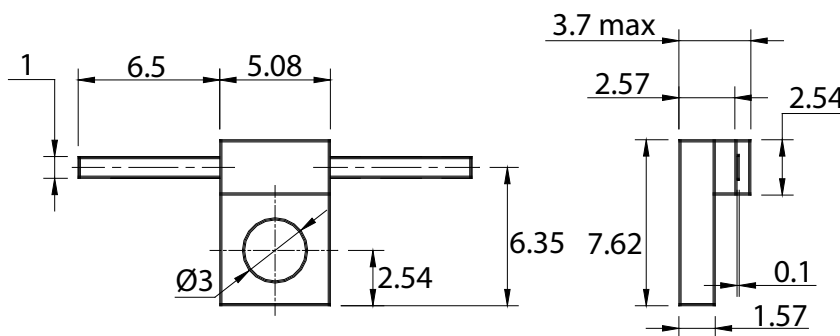
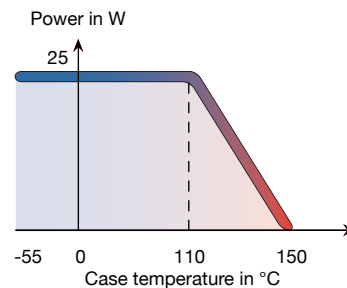


Standards
NF C 96-315
MIL-DTL-39030



Stripline Resistors

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)	Resistance* (Ω ± 5%)	Capacitance** C ₀ (pF)
39-0211	4	25	25	0.8
39-0176	4	25	100	0.8
39-0177	4	25	200	0.8
39-0171	4	25	300	0.8

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

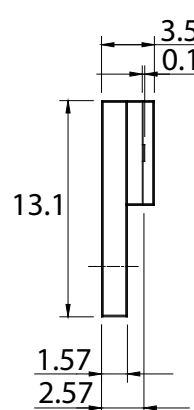
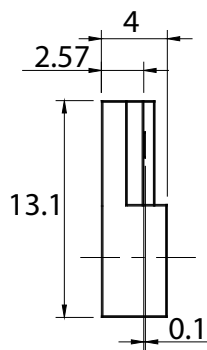
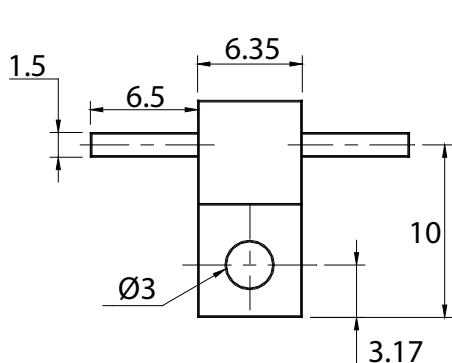
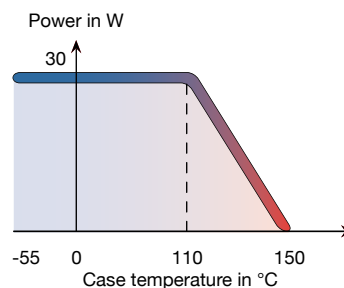
* Others values on request

** C₀ is the value of capacitance measured in DC.

C_{HF} is the RF equivalent capacitance measured with NWA with one port grounded C_{HF} = 1/3 C₀



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



39-3276
39-0074
39-4696
39-0075

39-0108
39-0234
39-0248
39-0249
39-0250

Dimensions in mm

Return to Search by Part Number

P/N	Frequency (GHz)	Power (W)	Resistance* ($\Omega \pm 5\%$)	Capacitance** C ₀ (pF)
39-3276	2.5	30	50	2.1
39-0074	2.5	30	75	2.1
39-4696	2.5	30	100	2.1
39-0075	2.5	30	125	2.1
39-0234	2.5	30	50	2.1
39-0248	2.5	30	100	2.1
39-0249	3	30	50	1
39-0108	3	30	100	1
39-0250	3	30	200	1

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
3.5	0.138
4	0.157
6.35	0.250
6.5	0.256
10	0.394
13.1	0.516

* Others values on request

** C₀ is the value of capacitance measured in DC.

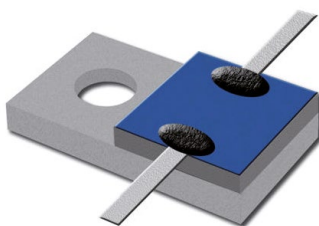
C_{HF} is the RF equivalent capacitance measured with NWA with one port grounded C_{HF} = 1/3 C₀



60 W 2.5 GHz AIN

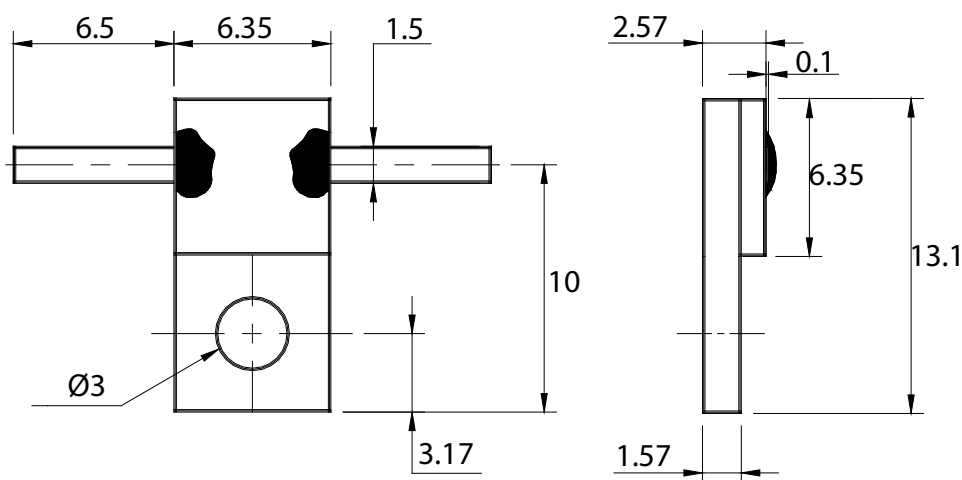
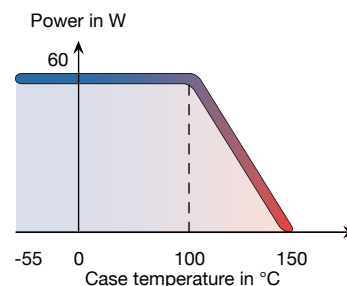


Standards
NF C 96-315
MIL-DTL-39030



Stripline Resistors

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)	Resistance* ($\Omega \pm 5\%$)	Capacitance** C_0 (pF)
39-0095	2.5	60	50	2.1
39-0096	2.5	60	100	2.1

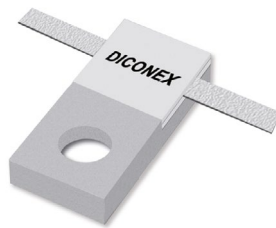
mm	inch
0.1	0.004
1.5	0.059
1.57	0.062
2.57	0.101
3	0.118
3.09	0.122
3.17	0.125
3.80	0.150
6.35	0.250
6.5	0.256
10	0.394
13.1	0.516

* Others values on request

** C_0 is the value of capacitance measured in DC.

C_{HF} is the RF equivalent capacitance measured with NWA with one port grounded $C_{HF} = 1/3 C_0$

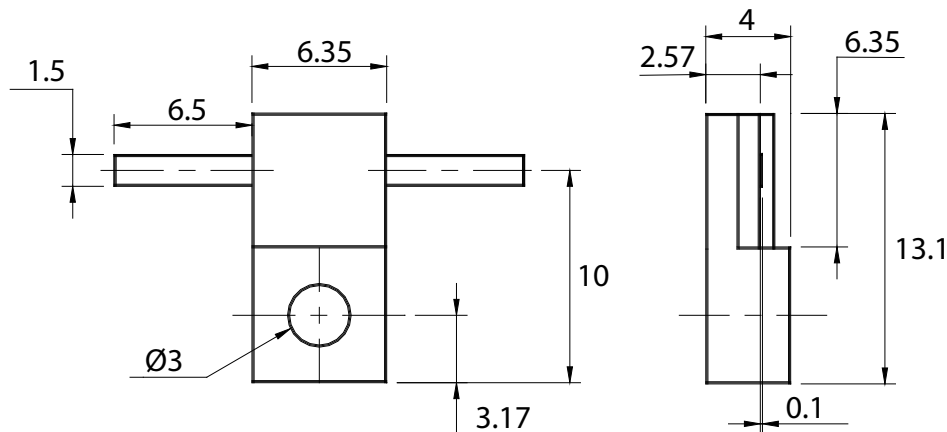
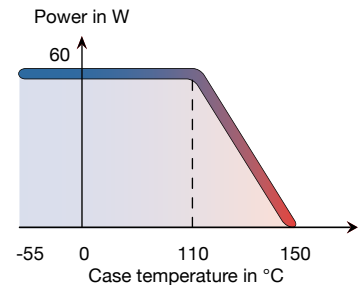
60 W 2.5 GHz BeO



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



Dimensions in mm

[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Resistance* ($\Omega \pm 5\%$)	Capacitance** C ₀ (pF)
39-0184	2.5	60	12.5	2.1
39-0099	2.5	60	50	2.1
39-0091	2.5	60	100	2.1
39-0169	2.5	60	200	2.1

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

* Others values on request

** C₀ is the value of capacitance measured in DC.

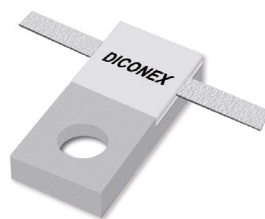
C_{HF} is the RF equivalent capacitance measured with NWA with one port grounded C_{HF} = 1/3 C₀



100 W 3 GHz BeO

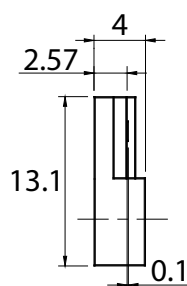
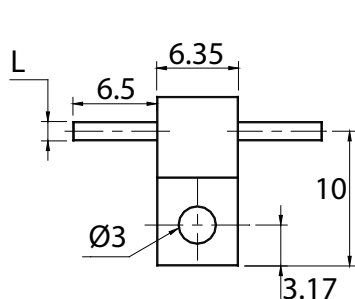
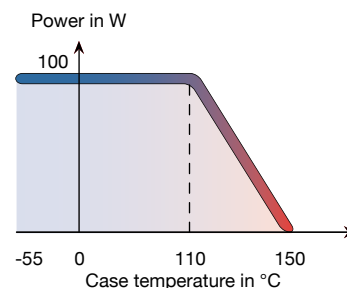


Standards
NF C 96-315
MIL-DTL-39030

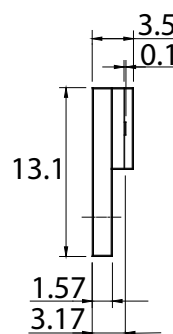


Stripline Resistors

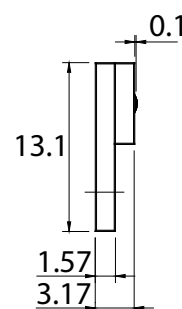
Substrate	BeO
Resistive film	Thick film
Tab	Ag
Mounting flange/Plating	Cu/Ni
Cover substrate	Al ₂ O ₃
Tab attachment	Brazed with epoxy encapsulation (39-0139, 39-0147, 39-0218, 39-0219)
Size	5225



Type A



Type B



Type C

Dimensions in mm

[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Resistance* ($\Omega \pm 5\%$)	Capacitance** C ₀ (pF)	Type	L (mm)
39-0141	2.5	100	50	2.1	A	1.5
39-0115	2.5	100	100	2.1	A	1.5
39-0207	2.5	100	200	2.1	A	1.5
39-0208	2.5	100	300	2.1	A	1.5
39-0209	2.5	100	400	2.1	A	1.5
39-0210	2.5	100	500	2.1	A	1.5
39-0162	3	100	50	1.2	B	1
39-0161	3	100	100	1.2	B	1
39-0214	3	100	220	1.2	B	1
39-0215	3	100	470	1.2	B	1
39-0147	3	100	50	1	C	1
39-0139	3	100	100	1	C	1
39-0218	3	100	200	1	C	1
39-0219	3	100	300	1	C	1

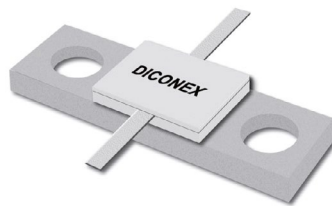
mm	inch
0.1	0.004
1	0.039
1.5	0.059
1.57	0.062
2.57	0.101
3	0.118
3.17	0.125
4	0.157
6.35	0.250
6.5	0.256
10	0.394
13.1	0.516

* Others values on request

** C₀ is the value of capacitance measured in DC.

C_{HF} is the RF equivalent capacitance measured with NWA with one port grounded C_{HF} = 1/3 C₀

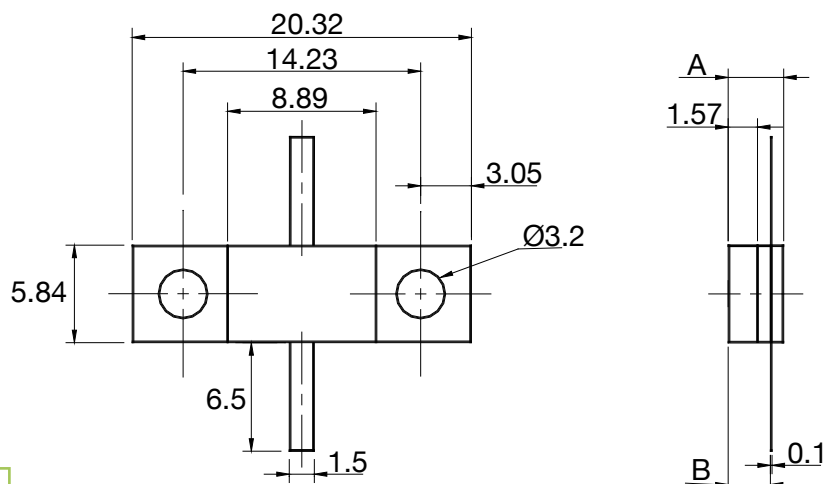
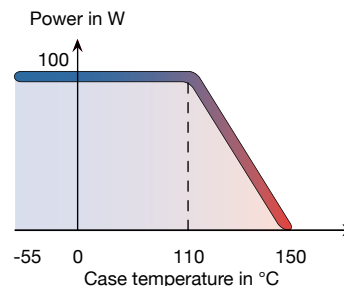
100 W 3 GHz BeO



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 8023



Dimensions in mm

[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Resistance* ($\Omega \pm 5\%$)	Capacitance** C_0 (pF)	A (mm)	B (mm)
39-0144	2.5	100	10	1.8	4.3	3.07
39-0149	2.5	100	15	1.8	4.3	3.07
39-0045	2	100	50	2.4	3.7	2.57
39-0033	3	100	50	1.5	4.3	3.07
39-0329	2.5	100	60	1.8	4.3	3.07
39-0028	2	100	100	2.4	3.7	2.57
39-0032	3	100	100	1.5	4.3	3.07
39-0114	3	100	100	1.2	4.3	3.07
39-0150	2.5	100	200	1.8	4.3	3.07
39-0104	3	100	200	1.5	4.3	3.07
39-0142	2.5	100	250	1.8	4.3	3.07
39-0105	3	100	300	1.5	4.3	3.07
39-0106	3	100	400	1.5	4.3	3.07
39-0134	3	100	600	1.5	4.3	3.07
39-0135	3	100	800	1.5	4.3	3.07

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
3.07	0.121
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

* Others values on request

** C_0 is the value of capacitance measured in DC.

C_{HF} is the RF equivalent capacitance measured with NWA with one port grounded $C_{HF} = 1/3 C_0$



150 W 2 GHz AIN

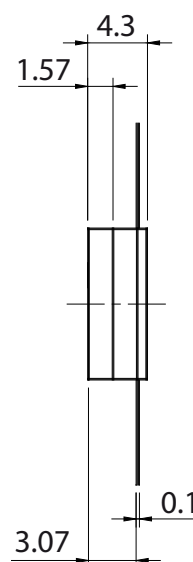
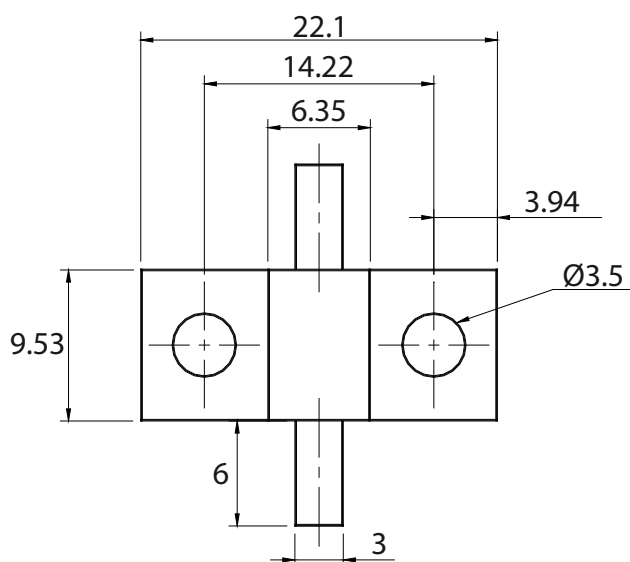
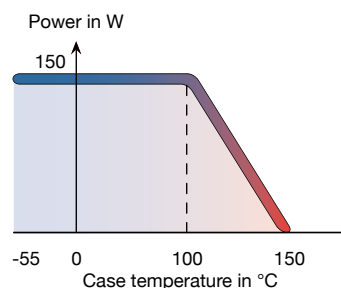


Standards
NF C 96-315
MIL-DTL-39030



Stripline Resistors

Substrate	AIN
Resistive film	Thick film
Tab	Ag
Mounting flange/Plating	Cu/Ni
Cover substrate	Al ₂ O ₃
Size	8737



Dimensions in mm

[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Resistance* (Ω ± 5%)	Capacitance ** C ₀ (pF)
39-0192	2	150	50	2.4
39-0159	2	150	100	2.4

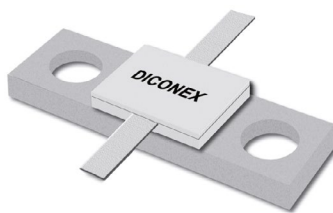
mm	inch
0.1	0.004
1.57	0.062
3	0.118
3.07	0.121
3.5	0.138
3.94	0.155
4.3	0.169
6	0.236
6.35	0.250
9.53	0.375
14.22	0.560
22.1	0.870

* Others values on request

** C₀ is the value of capacitance measured in DC.

C_{HF} is the RF equivalent capacitance measured with NWA with one port grounded C_{HF} = 1/3 C₀

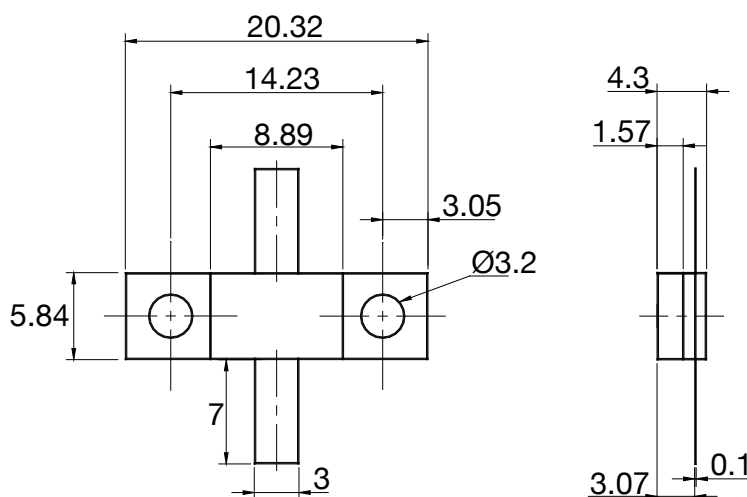
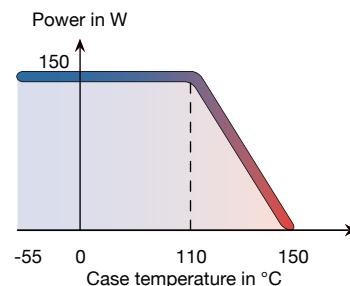
150 W 2.5 GHz BeO



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	8023



Dimensions in mm

[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Resistance* ($\Omega \pm 5\%$)	Capacitance** (C_0 (pF))
39-0246	2.5	150	50	2
39-0130	2.5	150	100	2
39-0311	2.5	150	150	2

mm	inch
0.1	0.004
1.57	0.062
3	0.118
3.05	0.120
3.07	0.121
3.2	0.126
4.3	0.169
5.84	0.230
7	0.275
8.89	0.350
14.23	0.560
20.32	0.800

* Others values on request

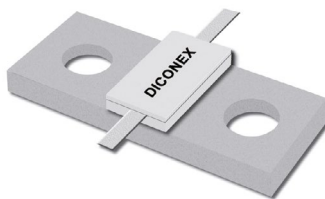
** C_0 is the value of capacitance measured in DC.

C_{HF} is the RF equivalent capacitance measured with NWA with one port grounded $C_{HF} = 1/3 C_0$

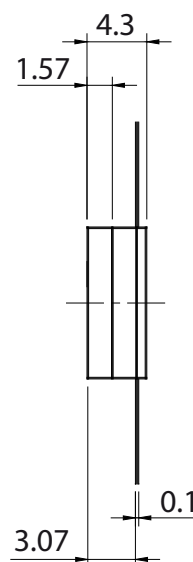
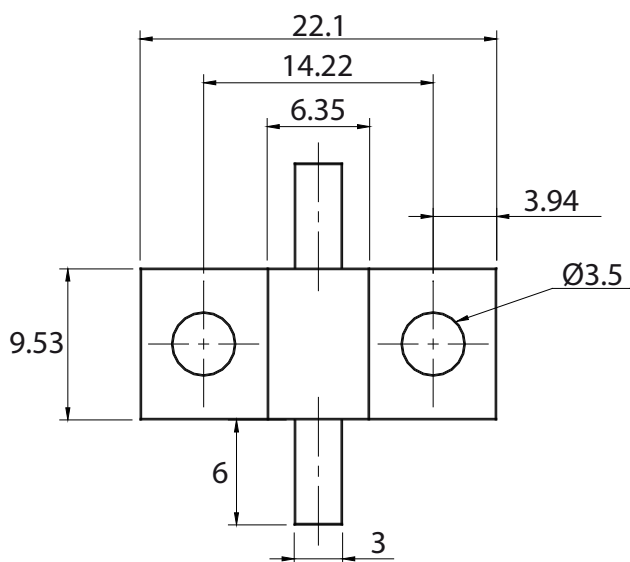
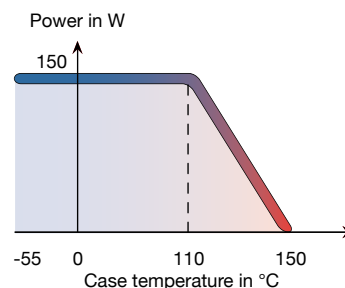




Standards
NF C 96-315
MIL-DTL-39030



Substrate	BeO
Resistive film	Thick film
Tab	Ag
Mounting flange/Plating	Cu/Ni
Cover substrate	Al ₂ O ₃
Size	8737



Dimensions in mm

Return to Search by Part Number

P/N	Frequency (GHz)	Power (W)	Resistance* ($\Omega \pm 5\%$)	Capacitance ** (C_0 (pF))
39-0069	2.5	150	50	2.2
39-0050	2.5	150	100	2.2
39-0119	2.5	150	200	2.2

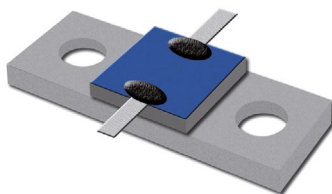
mm	inch
0.1	0.004
1.57	0.062
3	0.118
3.07	0.121
3.5	0.138
3.94	0.155
4.3	0.169
6	0.236
6.35	0.250
9.53	0.375
14.22	0.560
22.1	0.870

* Others values on request

** C_0 is the value of capacitance measured in DC.

C_{HF} is the RF equivalent capacitance measured with NWA with one port grounded $C_{HF} = 1/3 C_0$

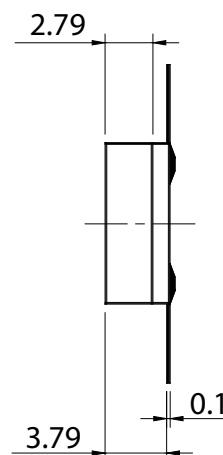
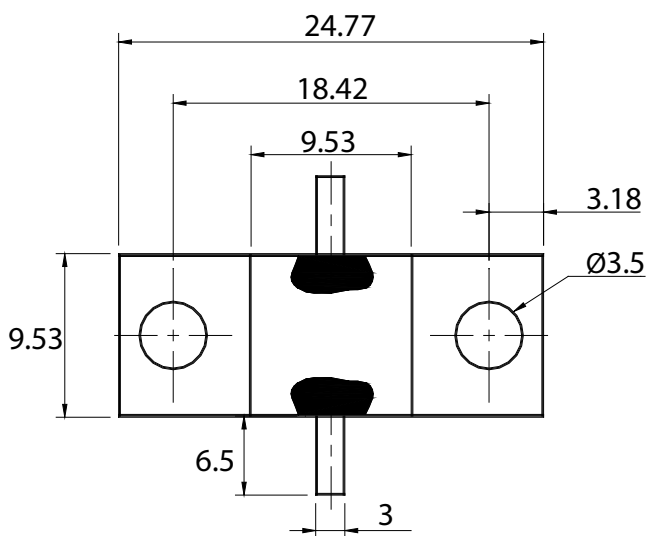
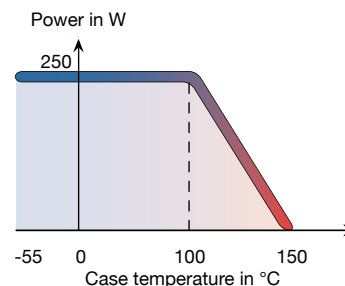
250 W 1 GHz AIN



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	9737



Dimensions in mm



[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Resistance* ($\Omega \pm 5\%$)	Capacitance ** C_0 (pF)
39-0174	1	250	50	4.2
39-0175	1	250	100	4.2

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

* Others values on request

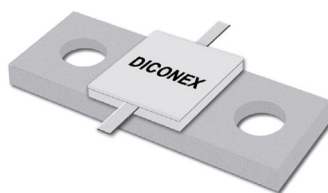
** C_0 is the value of capacitance measured in DC.

C_{HF} is the RF equivalent capacitance measured with NWA with one port grounded $C_{HF} = 1/3 C_0$

250 W 2.5 GHz BeO

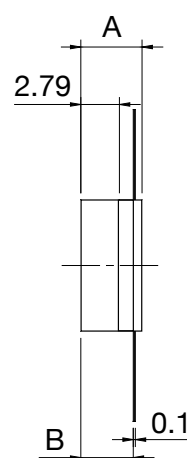
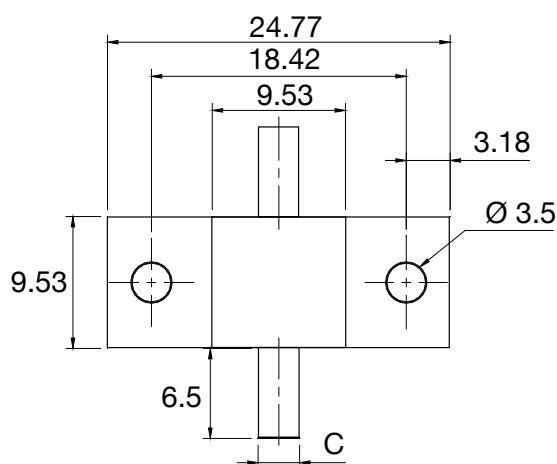
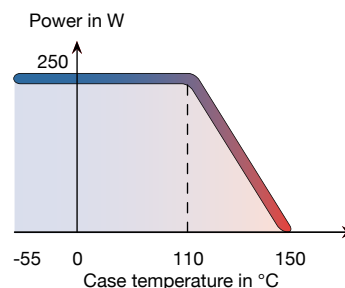


Standards
NF C 96-315
MIL-DTL-39030



Stripline Resistors

Substrate BeO
Resistive film Thick film
Tab/Plating Ag
Mounting flange/Plating Cu/Ni
Cover substrate Al_2O_3
Size 9737



Dimensions in mm

[Return to Search by Part Number](#)

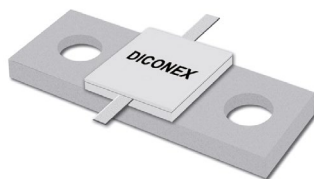
P/N	Frequency (GHz)	Power (W)	Resistance* ($\Omega \pm 5\%$)	Capacitance ** (C_0 (pF))	A (mm)	B (mm)	C (mm)
39-0191	2.5	250	8.3	2	5.7	4.69	1.5
39-0151	1.5	250	10	3.7	4.9	3.8	3
39-0083	1	250	12.5	4.1	4.9	3.8	3
39-0152	1.5	250	15	3.7	4.9	3.8	3
39-0117	1	250	25	4.1	4.9	3.8	3
39-0056	1	250	50	4.1	4.9	3.8	3
39-0079	1.5	250	50	3.7	4.9	3.8	3
39-0140	2.5	250	50	2	5.7	4.69	1.5
39-0057	1	250	100	4.1	4.9	3.8	3
39-0068	1.5	250	100	3.7	4.9	3.8	3
39-0118	2.5	250	100	2	5.7	4.69	1.5
39-0137	1.5	250	150	3.7	4.9	3.8	3
39-0153	1.5	250	200	3.7	4.9	3.8	3
39-0138	1.5	250	240	3.7	4.9	3.8	3
39-0154	1.5	250	250	3.7	4.9	3.8	3
39-0143	1.5	250	350	3.7	4.9	3.8	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
3.8	0.149
4.69	0.185
4.9	0.193
5.7	0.224
6.5	0.256
9.53	0.375
18.42	0.725
24.77	0.975

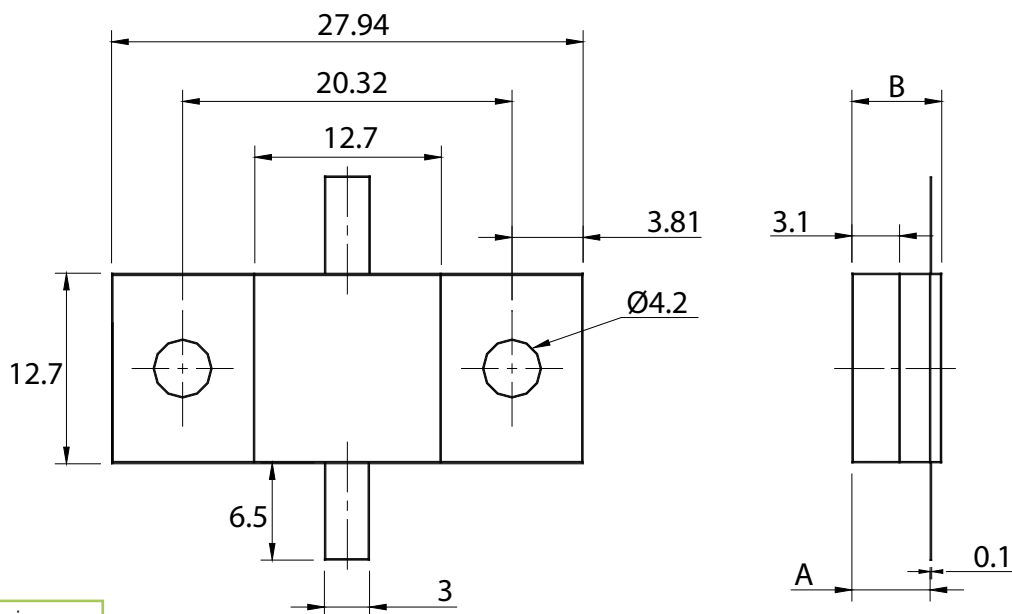
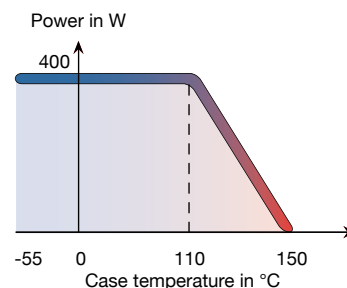
* Others values on request

** C_0 is the value of capacitance measured in DC.

C_{HF} is the RF equivalent capacitance measured with NWA with one port grounded $C_{HF} = 1/3 C_0$



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)	Resistance* ($\Omega \pm 5\%$)	Capacitance** C ₀ (pF)	A (mm)	B (mm)
39-0216	0.5	400	25	7.2	4.2	5.1
39-0166	0.5	400	50	7.2	4.2	5.1
39-0167	0.5	400	100	7.2	4.2	5.1
39-0217	1	400	25	4.2	5.1	6
39-0168	1	400	50	4.2	5.1	6
39-0127	1	400	100	4.2	5.1	6
39-0238	1	400	150	4.2	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

* Others values on request

** C₀ is the value of capacitance measured in DC.

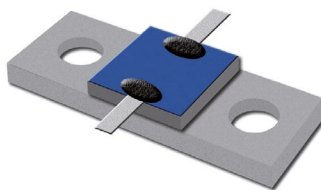
C_{HF} is the RF equivalent capacitance measured with NWA with one port grounded C_{HF} = 1/3 C₀



400 W 1.5 GHz AIN

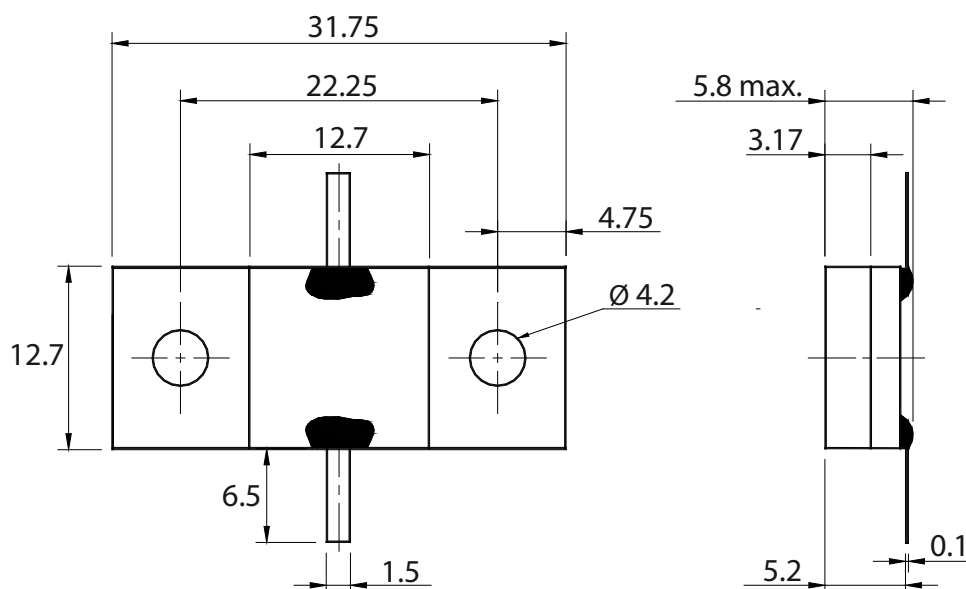
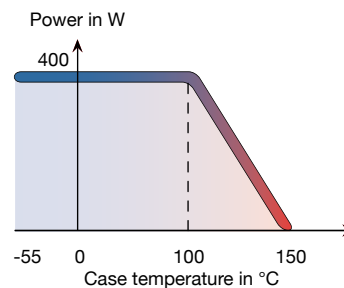


Standards
NF C 96-315
MIL-DTL-39030



Stripline Resistors

Substrate	AlN
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

[Return to Search by Part Number](#)

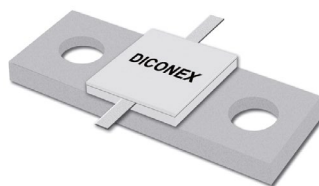
P/N	Frequency (GHz)	Power (W)	Resistance* ($\Omega \pm 5\%$)	Capacitance** C_0 (pF)
39-0111	1.5	400	50	3.5
39-0112	1.5	400	100	3.5

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

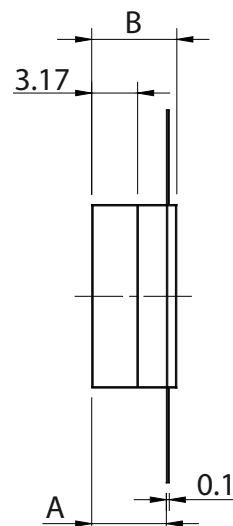
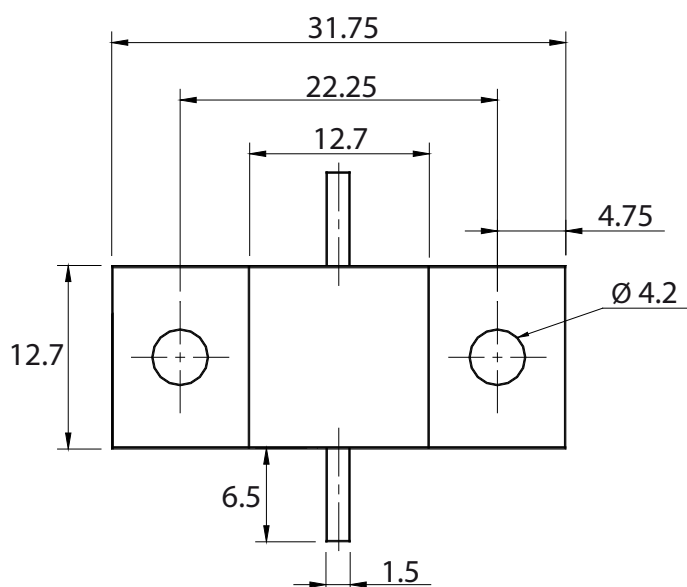
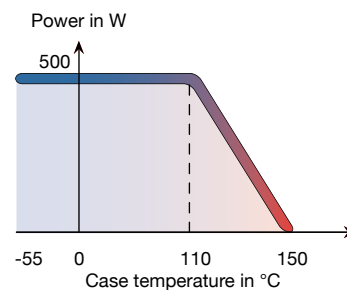
* Others values on request

** C_0 is the value of capacitance measured in DC.

C_{HF} is the RF equivalent capacitance measured with NWA with one port grounded $C_{HF} = 1/3 C_0$



Substrate	BeO
Resistive film	Thick film
Tab	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)	Resistance* ($\Omega \pm 5\%$)	Capacitance** (C_0 pF)	A (mm)	B (mm)
39-0081	0.5	500	39	7.2	4.2	5.1
39-0060	0.5	500	50	7.2	4.2	5.1
39-0063	0.5	500	100	7.2	4.2	5.1
39-0189	1	500	12.5	4.2	5.1	6
39-0237	1	500	25	4.2	5.1	6
39-0071	1	500	50	4.2	5.1	6
39-0072	1	500	100	4.2	5.1	6

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

* Others values on request

** C_0 is the value of capacitance measured in DC.

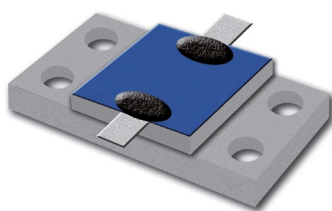
C_{HF} is the RF equivalent capacitance measured with NWA with one port grounded $C_{HF} = 1/3 C_0$



600 W 1 GHz AIN

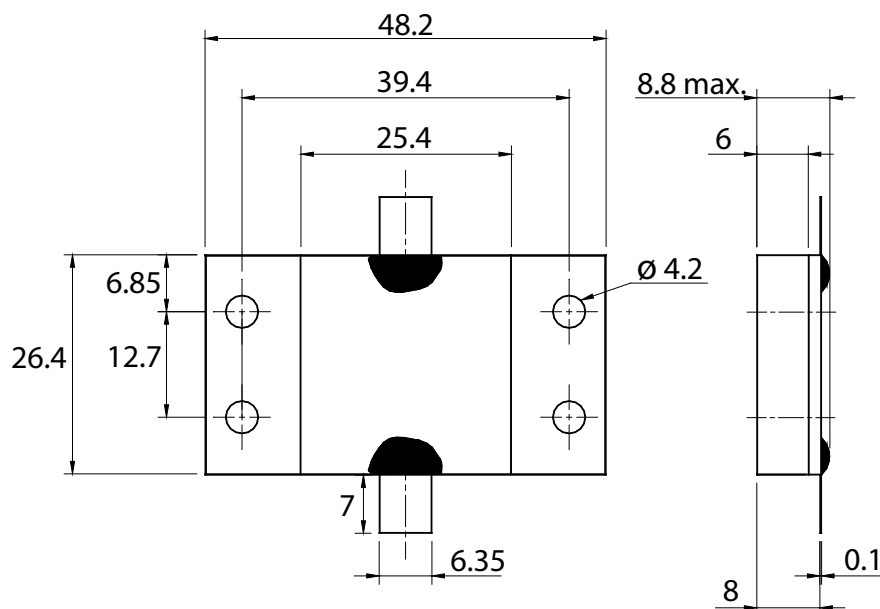
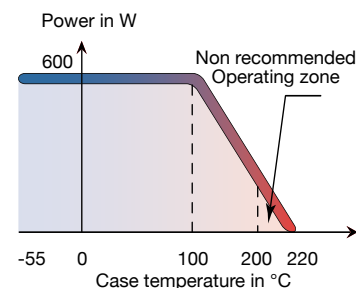


Standards
NF C 96-315
MIL-DTL-39030



Stripline Resistors

Substrate	AlN
Resistive film	Thick film
Tab/Plating	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)	Resistance* ($\Omega \pm 5\%$)	Capacitance** (C_0 pF)
39-0145	1	600	50	14
39-0146	1	600	100	14

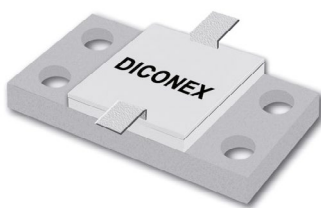
mm	inch
0.1	0.004
4.2	0.165
6	0.236
6.35	0.250
6.85	0.270
7	0.276
8	0.315
8.8	0.346
12.7	0.500
25.4	1.000
26.4	1.039
39.4	1.551
48.2	1.898

* Others values on request

** C_0 is the value of capacitance measured in DC.

C_{HF} is the RF equivalent capacitance measured with NWA with one port grounded $C_{HF} = 1/3 C_0$

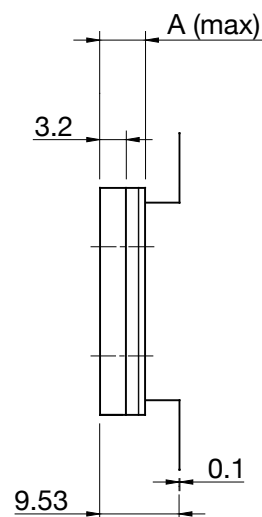
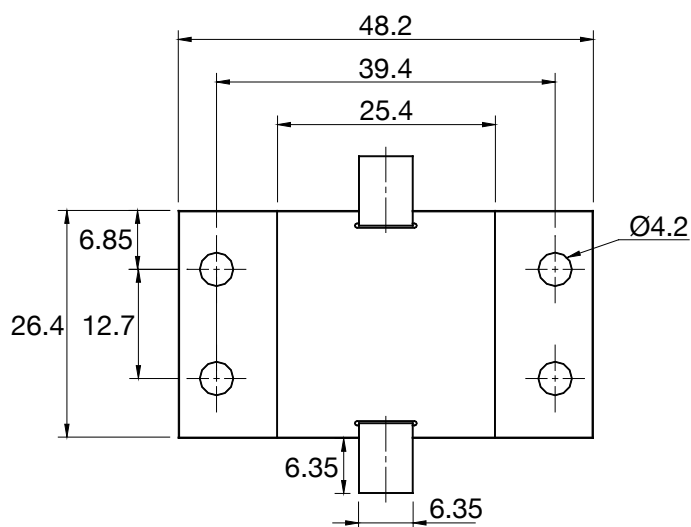
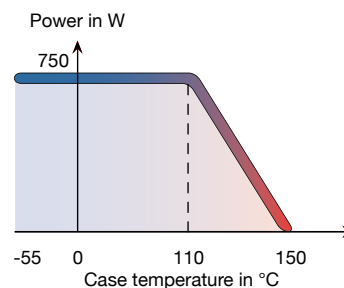
750 W 1 GHz BeO High Voltage



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_2O_3
Size 190104



Dimensions in mm

[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Resistance* ($\Omega \pm 5\%$)	Capacitance** C_0 (pF)	A (mm)
39-0148	1	750	100	13	5.8
39-0164	1	750	100	26	5.3

mm	inch
0.1	0.004
3.2	0.126
4.2	0.165
5.3	0.209
5.8	0.228
6.35	0.250
6.85	0.270
9.53	0.375
12.7	0.500
25.4	1.000
26.4	1.040
39.4	1.551
48.2	1.898

* Others values on request

** C_0 is the value of capacitance measured in DC.

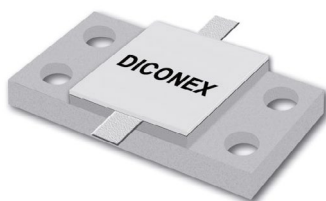
C_{HF} is the RF equivalent capacitance measured with NWA with one port grounded $C_{HF} = 1/3 C_0$



800 W 1 GHz AIN

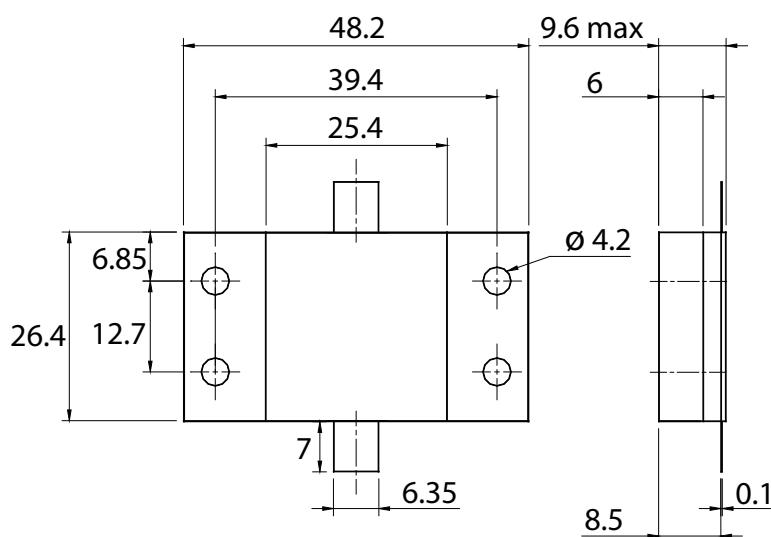
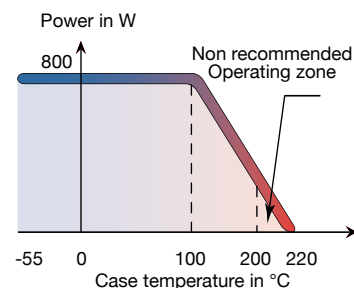


Standards
NF C 96-315
MIL-DTL-39030



Stripline Resistors

Substrate	AlN
Resistive film	Thick film
Tab/Plating	CuBe/Ag
Protection film	Epoxy
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)	Resistance* ($\Omega \pm 5\%$)	Capacitance** (C_0 pF)
39-0193	1	800	50	12
39-0194	1	800	100	12

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

* Others values on request

** C_0 is the value of capacitance measured in DC.

C_{HF} is the RF equivalent capacitance measured with NWA with one port grounded $C_{HF} = 1/3 C_0$

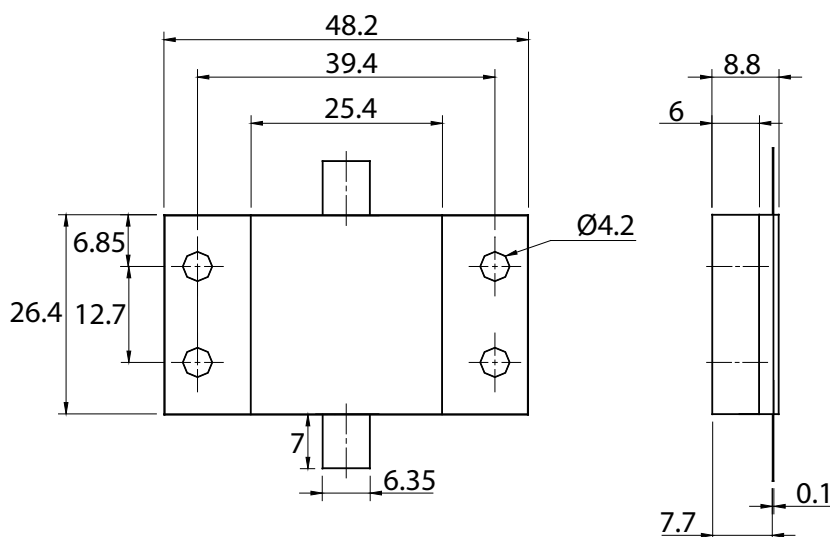
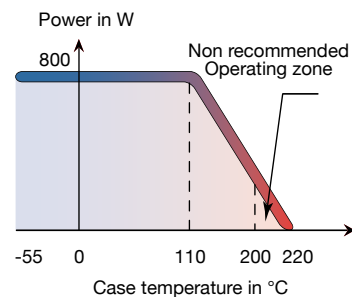
800 W 1 GHz BeO



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)	Resistance* ($\Omega \pm 5\%$)	Capacitance** C ₀ (pF)
39-0090	1	800	12.5	14
39-0089	1	800	25	14
39-0061	1	800	50	14
39-0062	1	800	100	14

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

* Others values on request

** C₀ is the value of capacitance measured in DC.

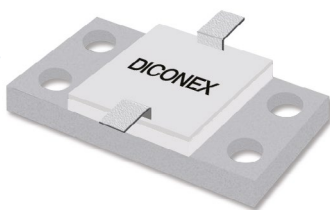
C_{HF} is the RF equivalent capacitance measured with NWA with one port grounded C_{HF} = 1/3 C₀



800 W 1 GHz BeO High Voltage

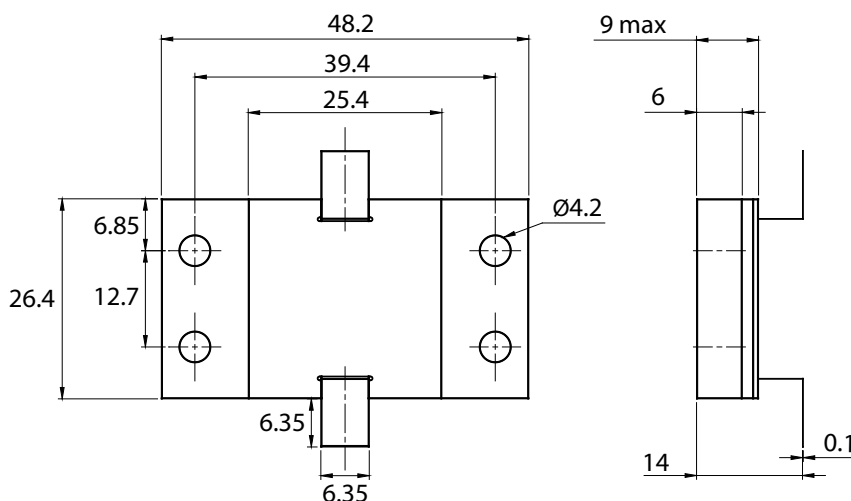
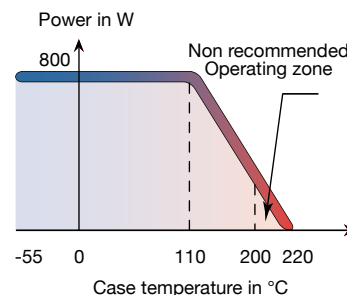


Standards
NF C 96-315
MIL-DTL-39030



Stripline Resistors

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)	Resistance* ($\Omega \pm 5\%$)	Capacitance** C ₀ (pF)
39-0284	1	800	25	13
39-0285	1	800	50	13
39-0286	1	800	100	13
39-0287	1	800	200	13

mm	inch
0.1	0.004
4.2	0.165
6	0.236
6.35	0.250
6.85	0.270
9	0.354
12.7	0.500
14	0.551
25.4	1.000
26.4	1.040
39.4	1.551
48.2	1.898

* Others values on request

** C₀ is the value of capacitance measured in DC.

C_{HF} is the RF equivalent capacitance measured with NWA with one port grounded C_{HF} = 1/3 C₀

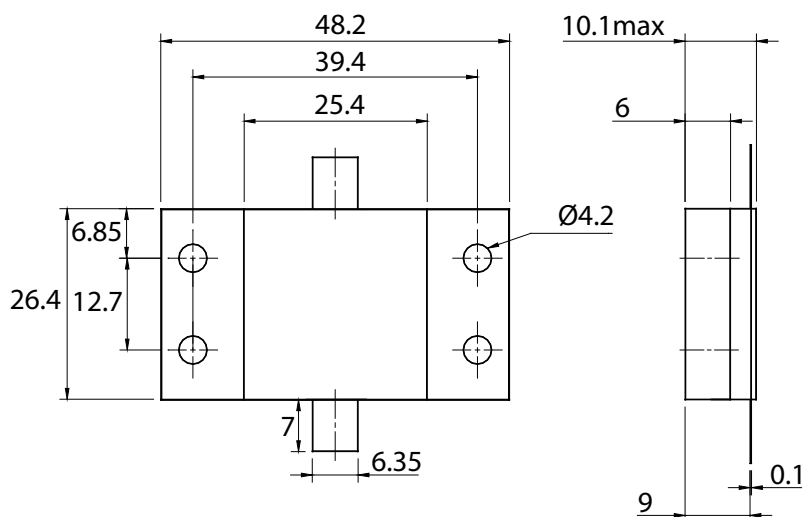
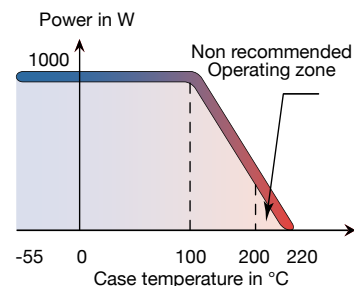
1000 W 1 GHz AIN



Standards
NF C 96-315
MIL-DTL-39030



Substrate	AIN
Resistive film	Thick film
Tab/Plating	CuBe/Ag
Protection film	Epoxy
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)	Resistance* ($\Omega \pm 5\%$)	Capacitance** (C_0 pF)
39-0195	1	1000	50	11
39-0196	1	1000	100	11

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
12.7	0.500
25.4	1.000
26.4	1.040
39.4	1.551
48.2	1.898

* Others values on request

** C_0 is the value of capacitance measured in DC.

C_{HF} is the RF equivalent capacitance measured with NWA with one port grounded $C_{HF} = 1/3 C_0$



1000 W 1 GHz BeO

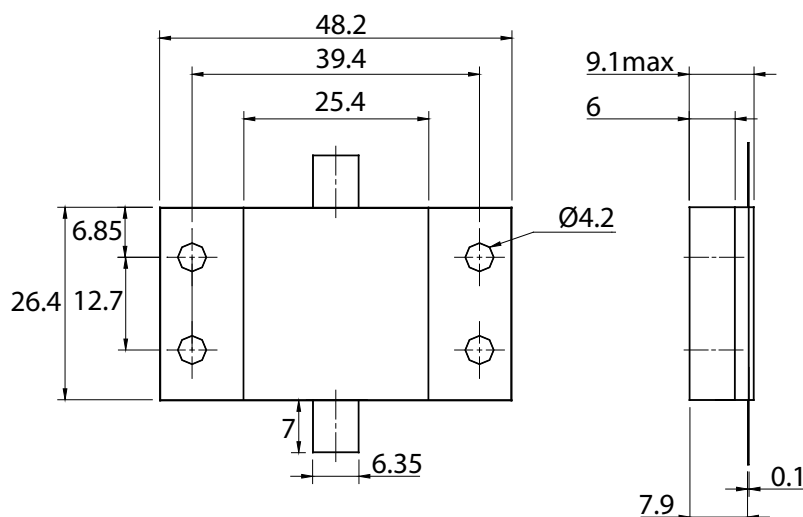
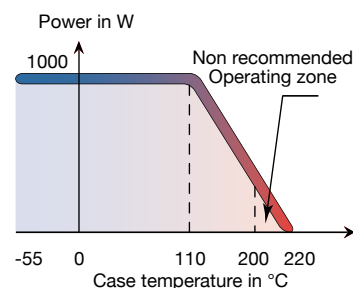


Standards
NF C 96-315
MIL-DTL-39030



Stripline Resistors

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)	Resistance* ($\Omega \pm 5\%$)	Capacitance** (C_0 pF)
39-0212	1	1000	25	10
39-0197	1	1000	50	10
39-0198	1	1000	100	10

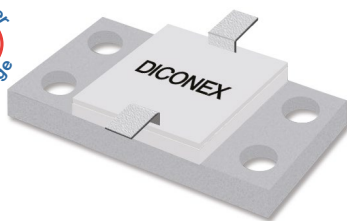
mm	inch
0.1	0.004
4.2	0.166
6	0.236
6.35	0.250
6.85	0.270
7	0.276
7.9	0.311
9.1	0.358
12.7	0.500
25.4	1.000
26.4	1.040
39.4	1.551
48.2	1.898

* Others values on request

** C_0 is the value of capacitance measured in DC.

C_{HF} is the RF equivalent capacitance measured with NWA with one port grounded $C_{HF} = 1/3 C_0$

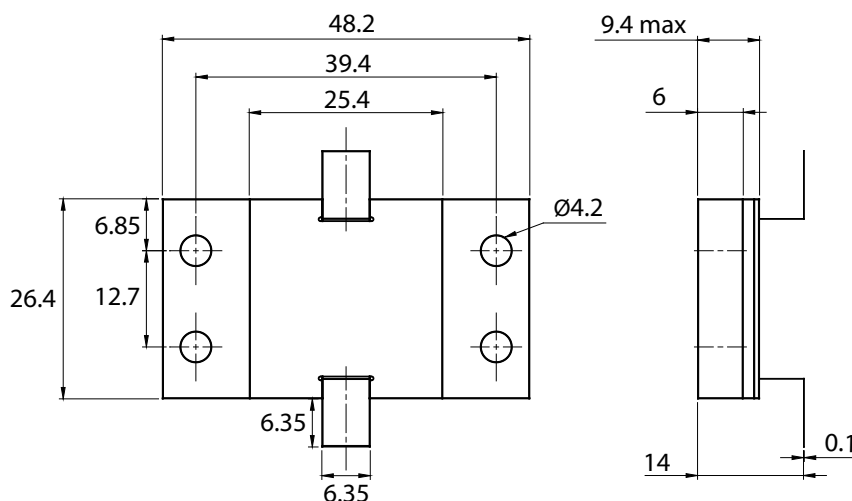
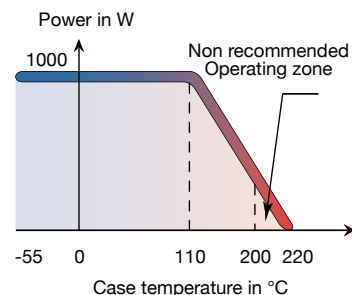
1000 W 1 GHz BeO High Voltage



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)	Resistance* ($\Omega \pm 5\%$)	Capacitance** C ₀ (pF)
39-0288	1	1000	25	11
39-0289	1	1000	50	11
39-0245	1	1000	100	11
39-0290	1	1000	200	11

mm	inch
0.1	0.004
4.2	0.165
6.0	0.236
6.35	0.250
6.85	0.270
9.4	0.370
12.7	0.551
14	0.500
25.4	1.000
26.4	1.040
39.4	1.551
48.2	1.898

* Others values on request

** C₀ is the value of capacitance measured in DC.

C_{HF} is the RF equivalent capacitance measured with NWA with one port grounded C_{HF} = 1/3 C₀



1200 W 1 GHz BeO

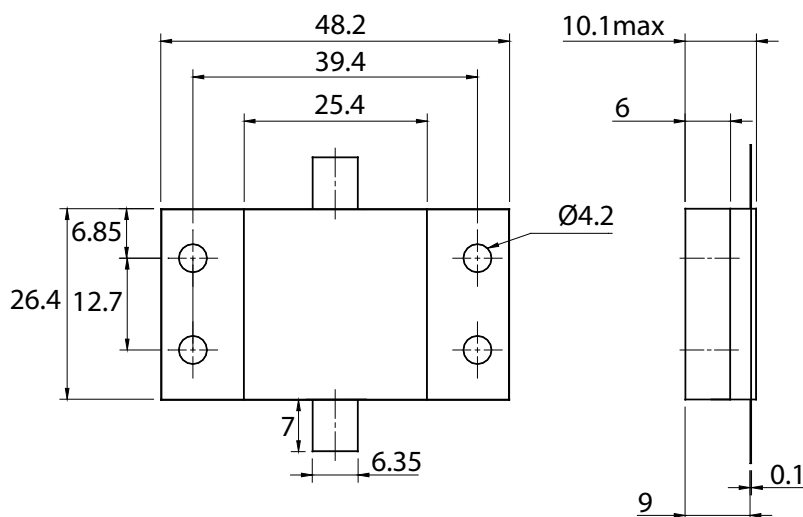
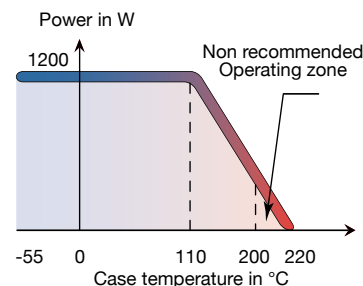


Standards
NF C 96-315
MIL-DTL-39030



Stripline Resistors

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)	Resistance* ($\Omega \pm 5\%$)	Capacitance** (C_0 pF)
39-0213	1	1200	25	8
39-0199	1	1200	50	8
39-0200	1	1200	100	8

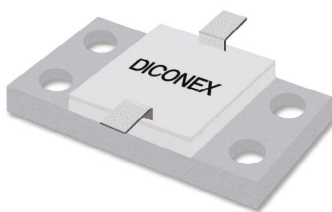
mm	inch
0.1	0.004
4.2	0.166
6	0.236
6.35	0.250
6.85	0.270
7	0.276
9	0.354
10.1	0.398
12.7	0.500
25.4	1.000
26.4	1.040
39.4	1.551
48.2	1.898

* Others values on request

** C_0 is the value of capacitance measured in DC.

C_{HF} is the RF equivalent capacitance measured with NWA with one port grounded $C_{HF} = 1/3 C_0$

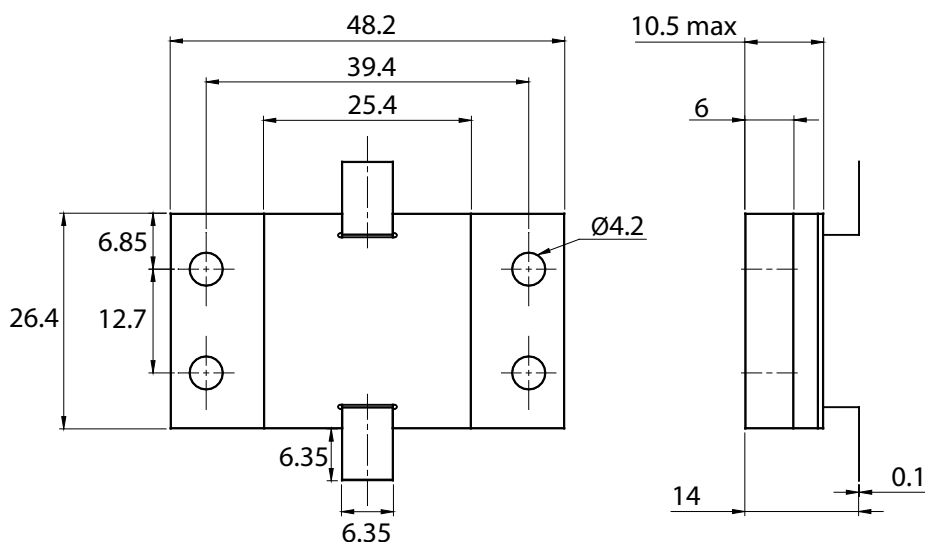
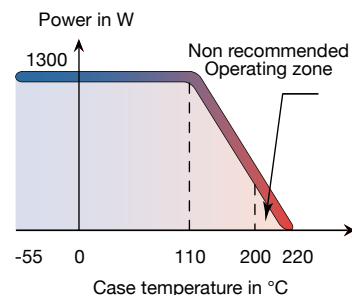
1300 W 1 GHz BeO High Voltage



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)	Resistance* ($\Omega \pm 5\%$)	Capacitance** C ₀ (pF)
39-0271	1	1300	25	11
39-0272	1	1300	50	11
39-0273	1	1300	100	11
39-0274	1	1300	200	11

mm	inch
0.1	0.004
4.2	0.165
6.0	0.236
6.35	0.250
6.85	0.270
10.5	0.413
12.7	0.551
14	0.500
25.4	1.000
26.4	1.040
39.4	1.551
48.2	1.898

* Others values on request

** C₀ is the value of capacitance measured in DC.

C_{HF} is the RF equivalent capacitance measured with NWA with one port grounded C_{HF} = 1/3 C₀



1350 W 1 GHz BeO

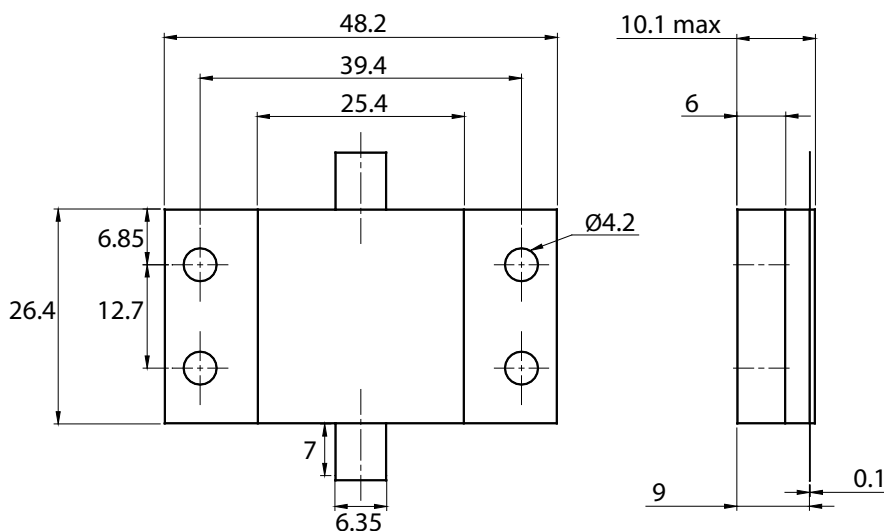
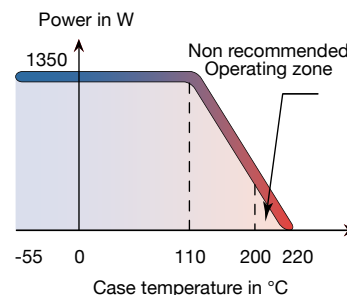


Standards
NF C 96-315
MIL-DTL-39030



Stripline Resistors

Substrate	BeO
Resistive film	Thick film
Tab/Plating	CuBe/Ag
Mounting flange/Plating	Cu/Ni
Cover substrate	Al ₂ O ₃
Size	104190



Dimensions in mm

[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Resistance* ($\Omega \pm 5\%$)	Capacitance** C ₀ (pF)
39-0259	1	1350	25	11
39-0260	1	1350	50	11
39-0261	1	1350	100	11
39-0262	1	1350	200	11

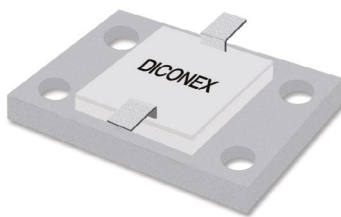
mm	inch
0.1	0.004
4.2	0.165
6.0	0.236
6.35	0.250
6.85	0.270
7.0	0.276
9.0	0.354
10.1	0.397
12.7	0.551
25.4	1.000
26.4	1.040
39.4	1.551
48.2	1.898

* Others values on request

** C₀ is the value of capacitance measured in DC.

C_{HF} is the RF equivalent capacitance measured with NWA with one port grounded C_{HF} = 1/3 C₀

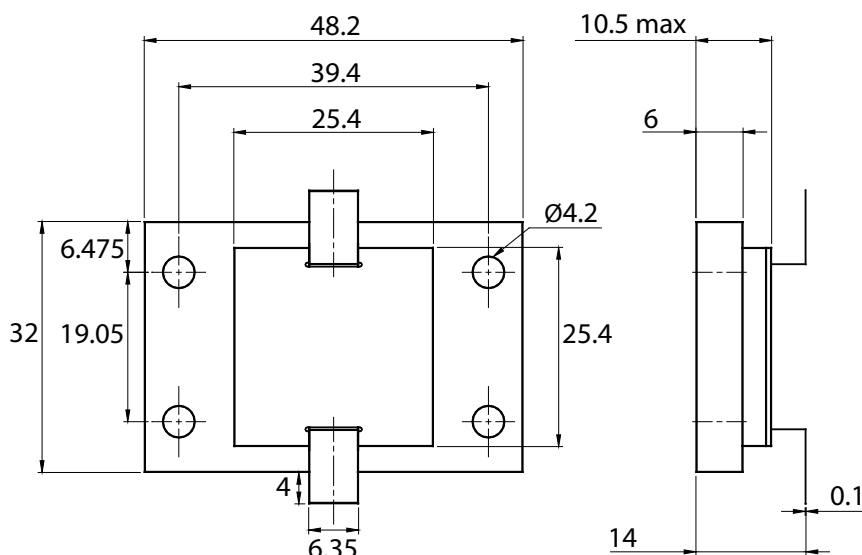
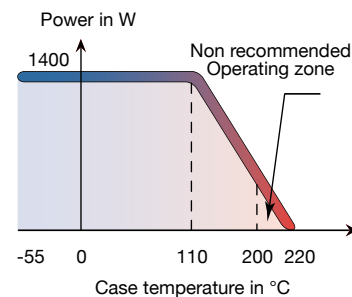
1400 W 1 GHz BeO High Voltage



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)	Resistance* ($\Omega \pm 5\%$)	Capacitance** C ₀ (pF)
39-0275	1	1400	25	11
39-0276	1	1400	50	11
39-0277	1	1400	100	11
39-0278	1	1400	200	11

mm	inch
0.1	0.004
4.0	0.157
4.2	0.165
6.0	0.236
6.35	0.250
6.475	0.255
10.5	0.413
12.7	0.551
14	0.500
19.05	0.750
25.4	1.000
32	1.260
39.4	1.551
48.2	1.898

* Others values on request

** C₀ is the value of capacitance measured in DC.

C_{HF} is the RF equivalent capacitance measured with NWA with one port grounded C_{HF} = 1/3 C₀



1500 W 1 GHz BeO

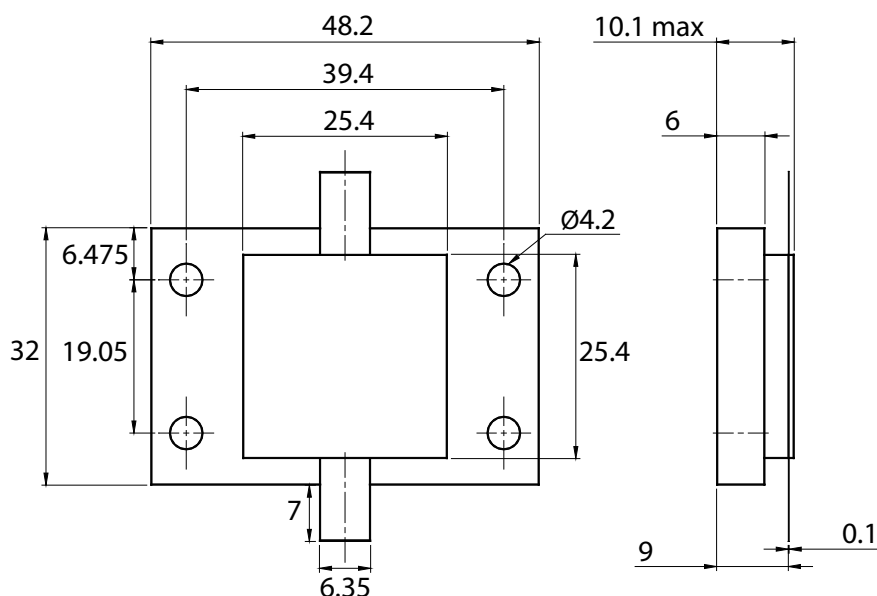
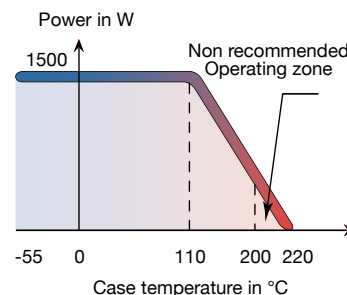


Standards
NF C 96-315
MIL-DTL-39030



Stripline Resistors

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)	Resistance* ($\Omega \pm 5\%$)	Capacitance** C ₀ (pF)
39-0263	1	1500	25	11
39-0264	1	1500	50	11
39-0265	1	1500	100	11
39-0266	1	1500	200	11

mm	inch
0.1	0.004
4.2	0.165
6.0	0.236
6.35	0.250
6.475	0.255
7.0	0.276
9.0	0.354
10.1	0.397
19.05	0.750
25.4	1.000
32.0	1.260
39.4	1.551
48.2	1.898

* Others values on request

** C₀ is the value of capacitance measured in DC.

C_{HF} is the RF equivalent capacitance measured with NWA with one port grounded C_{HF} = 1/3 C₀

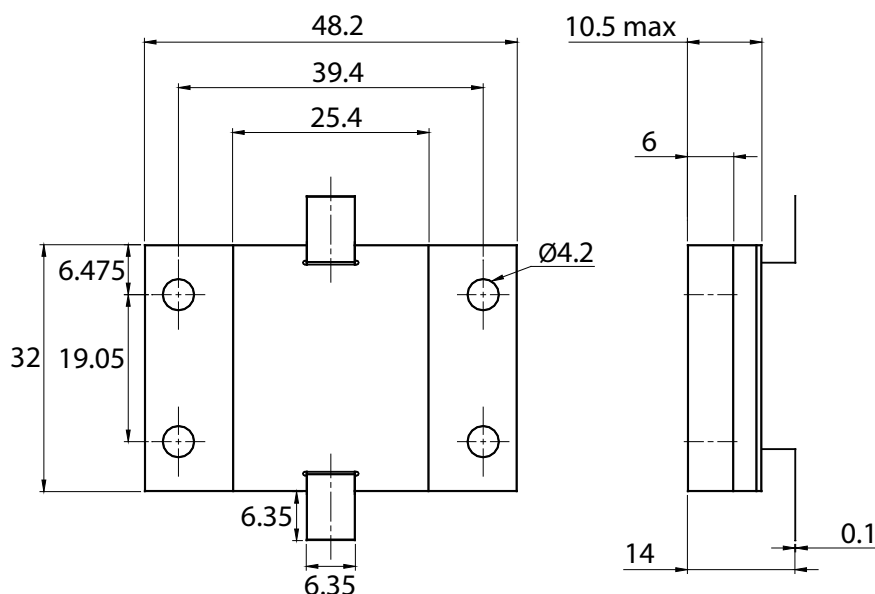
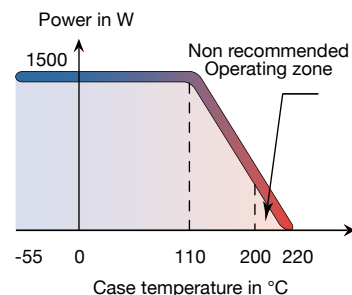
1500 W 1 GHz BeO High Voltage



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_2O_3
Size 190126



Dimensions in mm

[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Resistance* ($\Omega \pm 5\%$)	Capacitance** C_0 (pF)
39-0279	1	1500	25	13
39-0280	1	1500	50	13
39-0281	1	1500	100	13
39-0282	1	1500	200	13

mm	inch
0.1	0.004
4.2	0.165
6.0	0.236
6.35	0.250
6.475	0.255
10.5	0.413
12.7	0.551
14	0.500
19.05	0.750
25.4	1.000
32	1.260
39.4	1.551
48.2	1.898

* Others values on request

** C_0 is the value of capacitance measured in DC.

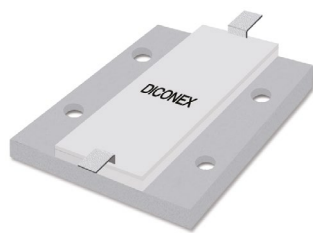
C_{HF} is the RF equivalent capacitance measured with NWA with one port grounded $C_{HF} = 1/3 C_0$



1500 W 1 GHz BeO High Voltage

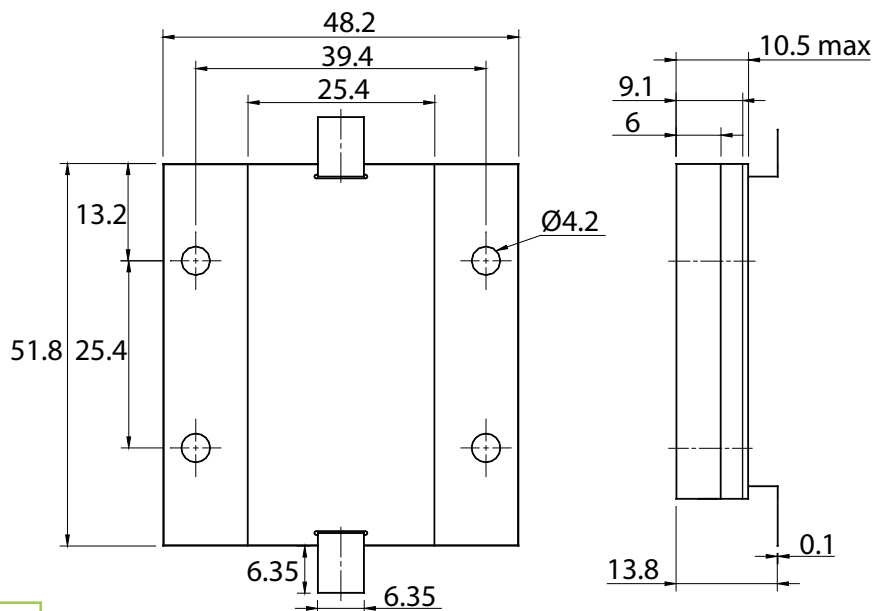
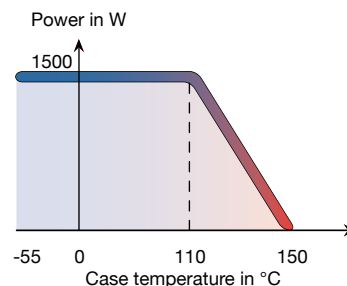


Standards
NF C 96-315
MIL-DTL-39030



Stripline Resistors

Substrate	BeO
Resistive film	Thick film
Tab/Plating	CuBe/Ag
Mounting flange/Plating	Cu/Ni
Cover substrate	Al ₂ O ₃
Size	204190



Dimensions in mm

[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Resistance* ($\Omega \pm 5\%$)	Capacitance** C ₀ (pF)
39-0187	1	1500	150	14
39-0188	1	1500	225	14
39-0172	1	1500	300	14
39-0173	1	1500	350	14

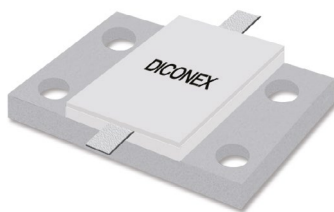
mm	inch
0.1	0.004
4.2	0.165
6	0.236
6.35	0.250
9.1	0.358
10.5	0.413
13.2	0.520
13.8	0.543
25.4	1.000
26.4	1.040
39.4	1.551
48.2	1.898
51.8	2.039

* Others values on request

** C₀ is the value of capacitance measured in DC.

C_{HF} is the RF equivalent capacitance measured with NWA with one port grounded C_{HF} = 1/3 C₀

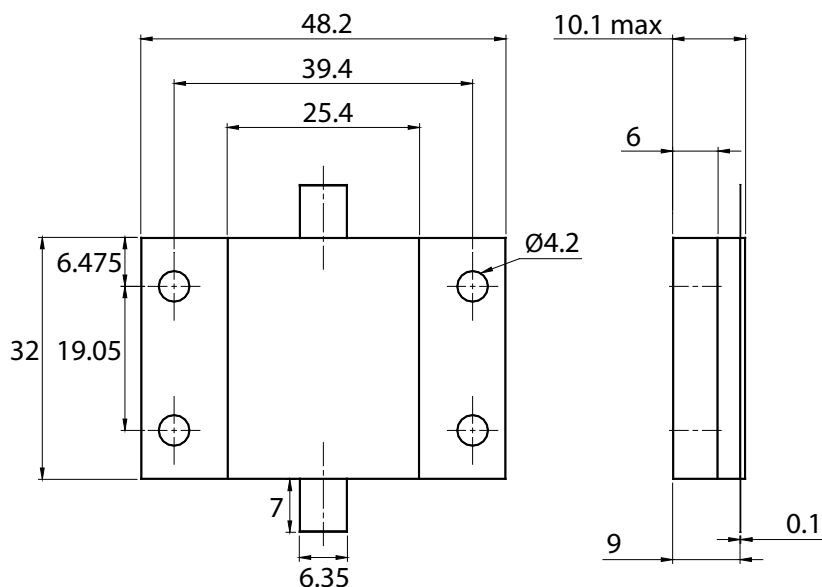
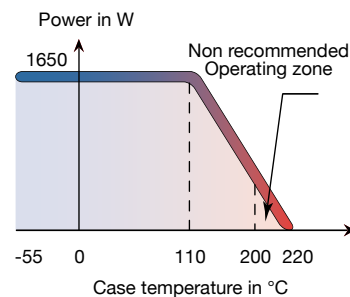
1650 W 1 GHz BeO



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_2O_3
Size 190126



Dimensions in mm

[Return to Search by Part Number](#)

P/N	Frequency (GHz)	Power (W)	Resistance* ($\Omega \pm 5\%$)	Capacitance** C_0 (pF)
39-0267	1	1650	25	13
39-0268	1	1650	50	13
39-0269	1	1650	100	13
39-0270	1	1650	200	13

mm	inch
0.1	0.004
4.2	0.165
6.0	0.236
6.35	0.250
6.475	0.255
7.0	0.276
9.0	0.354
10.1	0.397
19.05	0.750
25.4	1.000
32.0	1.260
39.4	1.551
48.2	1.898

* Others values on request

** C_0 is the value of capacitance measured in DC.

C_{HF} is the RF equivalent capacitance measured with NWA with one port grounded $C_{HF} = 1/3 C_0$



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Stripline Resistors



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Notes

Stripline Resistors







Notes



