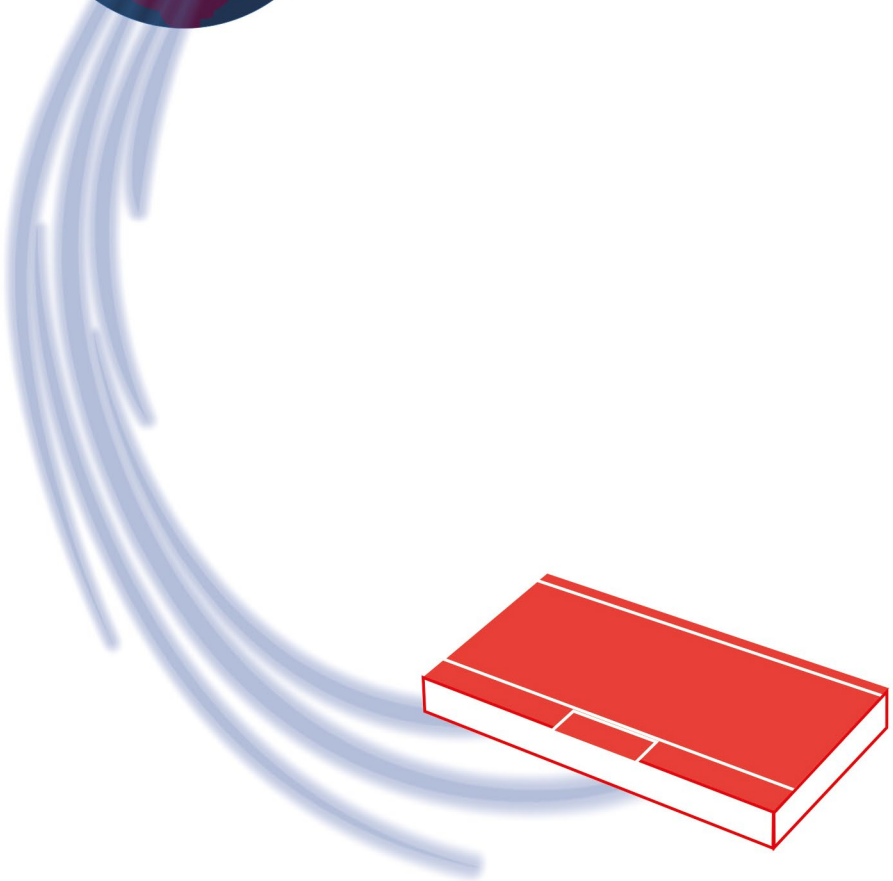
CHIP TERMINATIONS

=> Search by Part Number



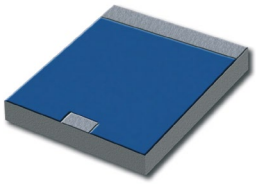
DICONEX
laroche group
DELTA OHM

For Power Amplifiers, Couplers, Combiners & Isolators

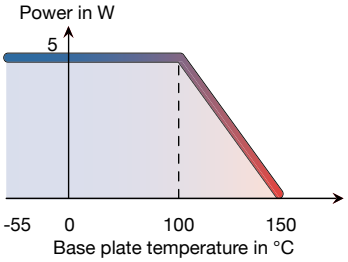
- Easy soldering on base plate
- Sizes 0606 to 5050
- 5 W to 500 W
- Up to 22 GHz

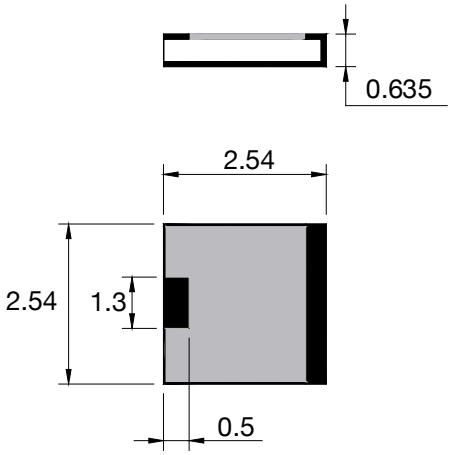
5 W 12 GHz AIN

Standards
NF C 96-315
MIL-DTL-39030



Substrate	AlN
Resistive film	Thick film
Protection film	Epoxy
Contacts finition	Silver over Nickel barrier
Size	1010





Dimensions in mm

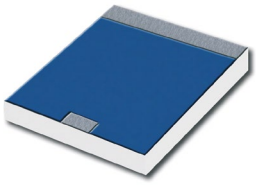
Return to Search by Part Number

P/N	Frequency (GHz)	Power (W)	Impedance (Ω ± 5%)	Max VSWR
45-0183Y	12	5	50	1.35

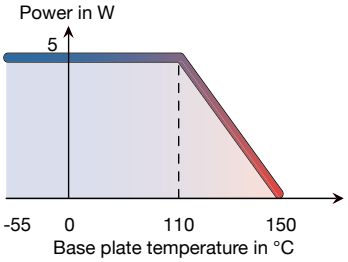
mm	inch
0.5	0.020
0.635	0.025
1.3	0.051
2.54	0.100

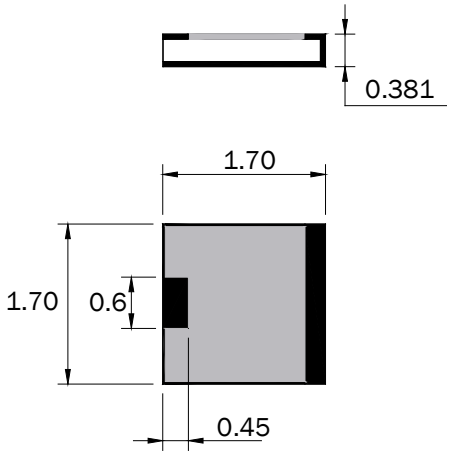
5 W 22 GHz BeO

Standards
NF C 96-315
MIL-DTL-39030



Substrate	BeO
Resistive film	Thick film
Protection film	Epoxy
Contacts finition	PtAg
Size	0606





Dimensions in mm

Return to Search by Part Number

P/N	Frequency (GHz)	Power (W)	Impedance (Ω ± 5%)	Max VSWR
43-0333	22	5	50	1.15
48-0333*	22	5	50	1.15

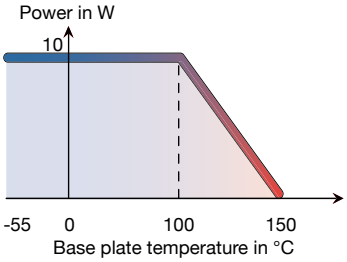
* Space grade

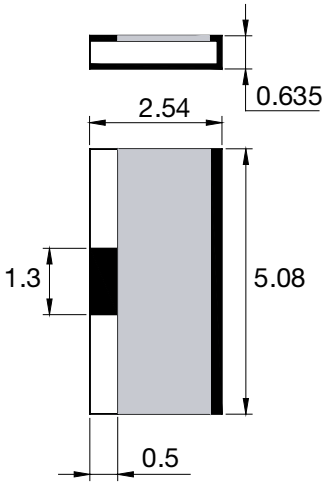
mm	inch
0.381	0.020
0.45	0.018
0.6	0.024
1.70	0.067

10 W 12 GHz AlN

Standards
NF C 96-315
MIL-DTL-39030

Substrate	AlN
Resistive film	Thick film
Protection film	Epoxy
Contacts finition	Silver over Nickel barrier
Size	2010





Dimensions in mm

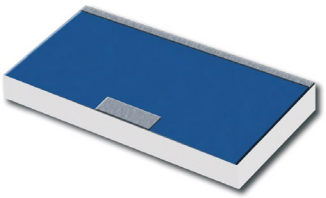
Return to Search by Part Number

P/N	Frequency (GHz)	Power (W)	Impedance (Ω ± 5%)	Max VSWR
40-0351Y	12	10	50	1.35

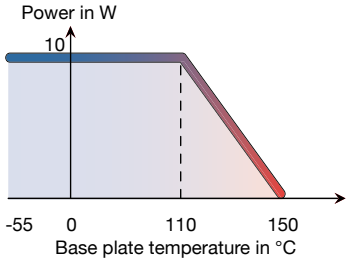
mm	inch
0.5	0.020
0.635	0.025
1.3	0.051
2.54	0.100
5.08	0.200

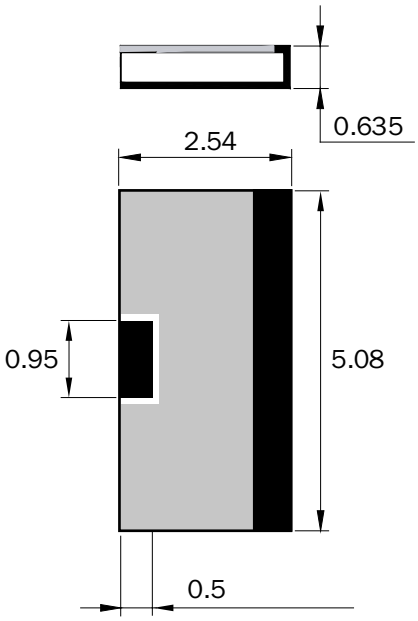
10 W 18 GHz BeO

Standards
NF C 96-315
MIL-DTL-39030



Substrate	BeO
Resistive film	Thick film
Protection film	Overglaze
Contacts finition	PtAg
Size	2010





Dimensions in mm

Return to Search by Part Number

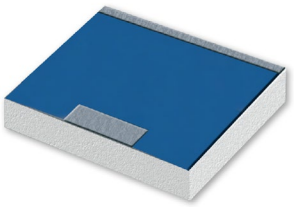
P/N	Frequency (GHz)	Power (W)	Impedance (Ω ± 5%)	Max VSWR
43-0351	18	10	50	1.40
48-0351*	18	10	50	1.40

* Space grade

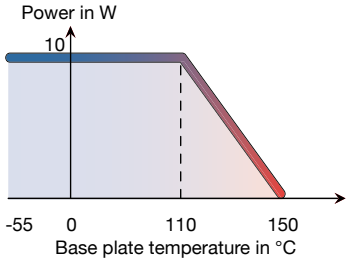
mm	inch
0.5	0.020
0.635	0.025
0.95	0.037
2.54	0.100
5.08	0.200

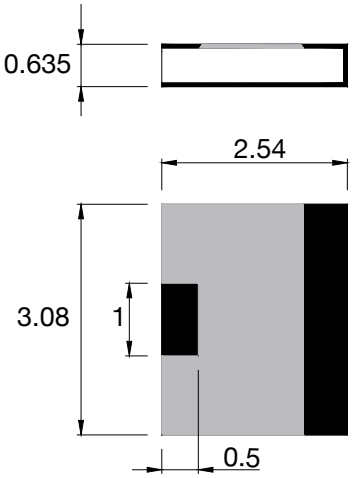
10 W 18 GHz BeO

Standards
NF C 96-315
MIL-DTL-39030



Substrate	BeO
Resistive film	Thick film
Protection film	Epoxy
Contacts finition	PtAg
Size	1210





Dimensions in mm

Return to Search by Part Number

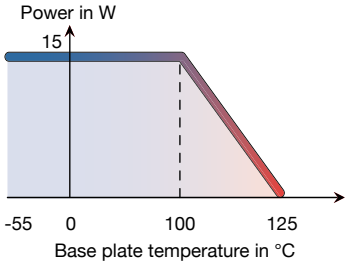
P/N	Frequency (GHz)	Power (W)	Impedance (Ω ± 5%)	Max VSWR
43-0264	18	10	50	1.30

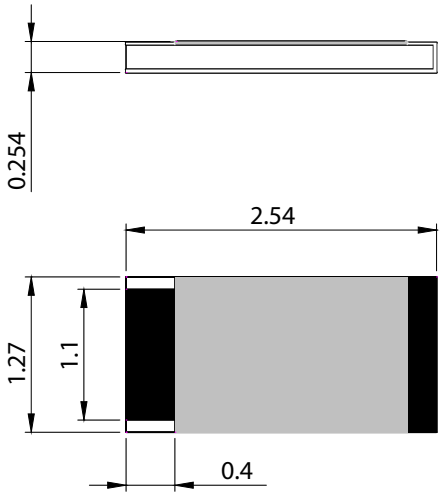
mm	inch
0.5	0.020
0.635	0.025
1.0	0.039
2.54	0.100
3.08	0.121

15 W 4 GHz BeO

Standards
NF C 96-315
MIL-DTL-39030

Substrate	BeO
Resistive film	Thick film
Protection film	Epoxy
Contacts finition	PtAg
Size	1005





Dimensions in mm

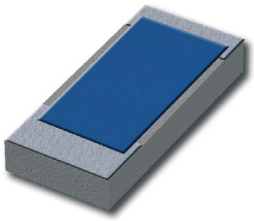
Chip Terminations

Return to Search by Part Number

P/N	Frequency (GHz)	Power (W)	Impedance (Ω ± 5%)	Max VSWR
43-0275	4	15	50	1.25

mm	inch
0.254	0.010
0.4	0.016
1.1	0.043
1.27	0.050
2.54	0.100

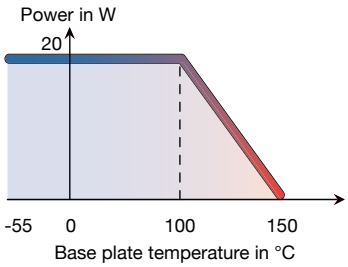
20 W 4 GHz AIN

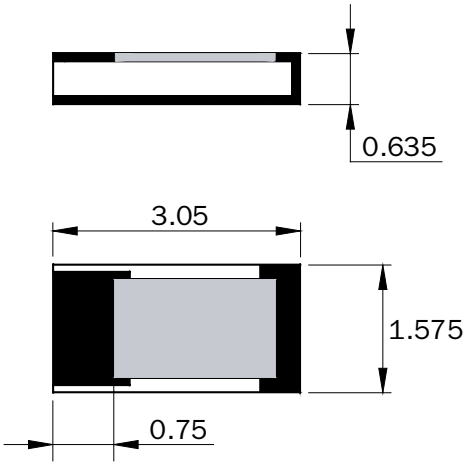


Standards
NF C 96-315
MIL-DTL-39030

RoHS CERTIFIED

Substrate	AIN
Resistive film	Thick film
Protection film	Epoxy
Contacts finition	Silver over Nickel barrier
Size	1206





Dimensions in mm

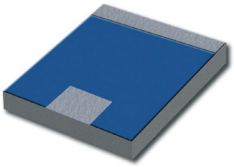
Return to Search by Part Number

P/N	Frequency (GHz)	Power (W)	Impedance (Ω ± 5%)	Max VSWR
45-0006Y	4	20	50	1.20

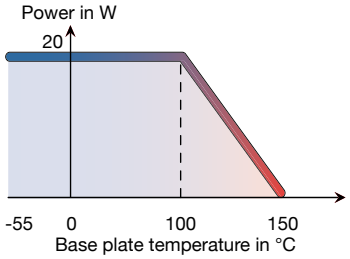
mm	inch
0.635	0.025
0.75	0.030
1.575	0.062
3.05	0.120

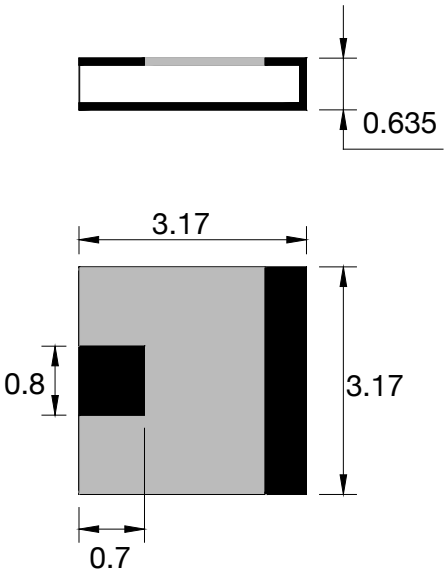
20 W 14 GHz AIN

Standards
NF C 96-315
MIL-DTL-39030



Substrate	AIN
Resistive film	Thick film
Protection film	Epoxy
Contacts finition	Silver over Nickel barrier
Size	1212





Dimensions in mm

Return to Search by Part Number

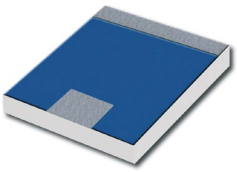
P/N	Frequency (GHz)	Power (W)	Impedance (Ω ± 5%)	Max VSWR
45-0078Y	14	20	50	1.30

mm	inch
0.635	0.025
0.7	0.027
0.8	0.031
3.17	0.125

Tel. +33 (0)1 34 16 33 00 - www.diconex.fr
DICONEX laroche group DELTA OHM
12 avenue des Cures Z.I. - 95580 Andilly - FRANCE

20 W 14 GHz BeO

Space Application

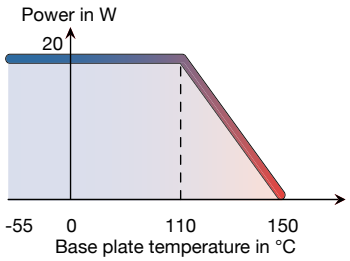


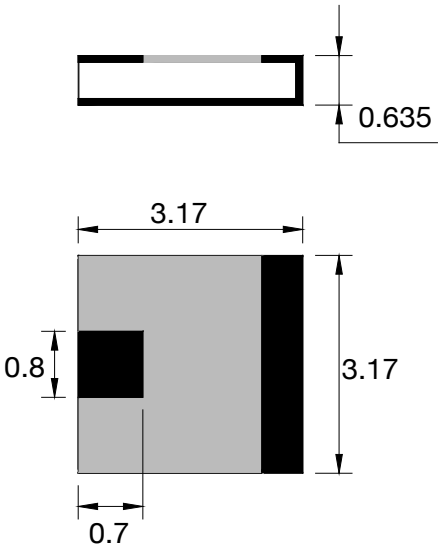
Microwave Product

Standards
NF C 96-315
MIL-DTL-39030

RoHS CERTIFIED

Substrate	BeO
Resistive film	Thick film
Protection film	Epoxy
Contacts finition	PtAg
Size	1212





Dimensions in mm

Return to Search by Part Number

P/N	Frequency (GHz)	Power (W)	Impedance (Ω ± 5%)	Max VSWR
43-0078Y	14	20	50	1.30
48-0078*	14	20	50	1.30

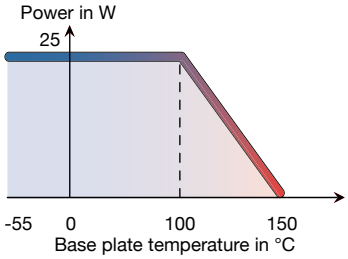
* Space grade

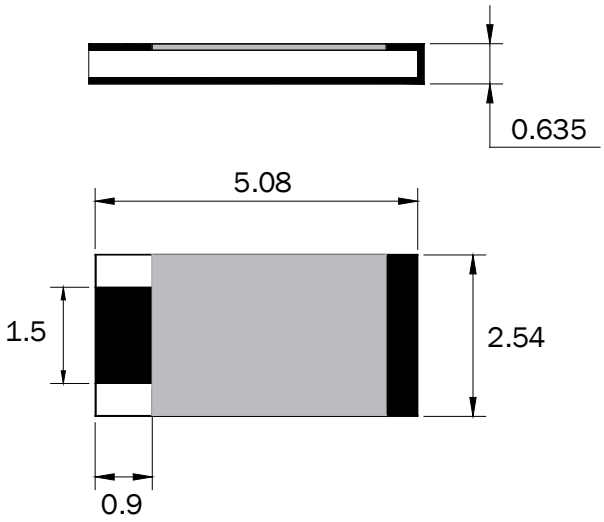
mm	inch
0.635	0.025
0.7	0.027
0.8	0.031
3.17	0.125

25 W 4 GHz AlN

Standards
NF C 96-315
MIL-DTL-39030

Substrate	AlN
Resistive film	Thick film
Protection film	Epoxy
Contacts finition	Silver over Nickel barrier
Size	2010





Dimensions in mm

Chip Terminations

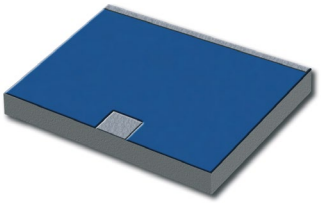
Return to Search by Part Number

P/N	Frequency (GHz)	Power (W)	Impedance (Ω ± 5%)	Max VSWR
45-0072Y	4	25	50	1.20

mm	inch
0.635	0.025
0.9	0.035
1.5	0.059
2.54	0.100
5.08	0.200

Tel. +33 (0)1 34 16 33 00 - www.diconex.fr
DICONEX laroche group DELTA OHM
12 avenue des Cures Z.I. - 95580 Andilly - FRANCE

35 W 11 GHz AlN

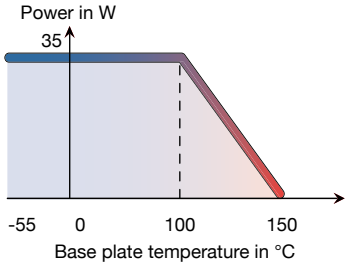


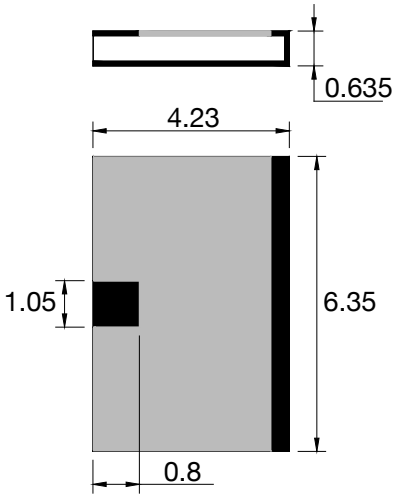
Microwave Product

Standards
NF C 96-315
MIL-DTL-39030

RoHS CERTIFIED

Substrate	AlN
Resistive film	Thick film
Protection film	Epoxy
Contacts finition	Silver over Nickel barrier
Size	2516





Dimensions in mm

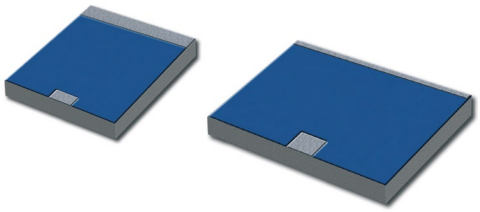
Return to Search by Part Number

P/N	Frequency (GHz)	Power (W)	Impedance (Ω ± 5%)	Max VSWR
45-0079Y	11	35	50	1.30

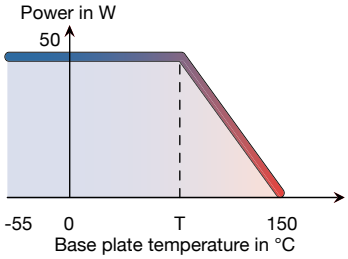
mm	inch
0.635	0.025
0.8	0.031
1.05	0.041
4.23	0.166
6.35	0.250

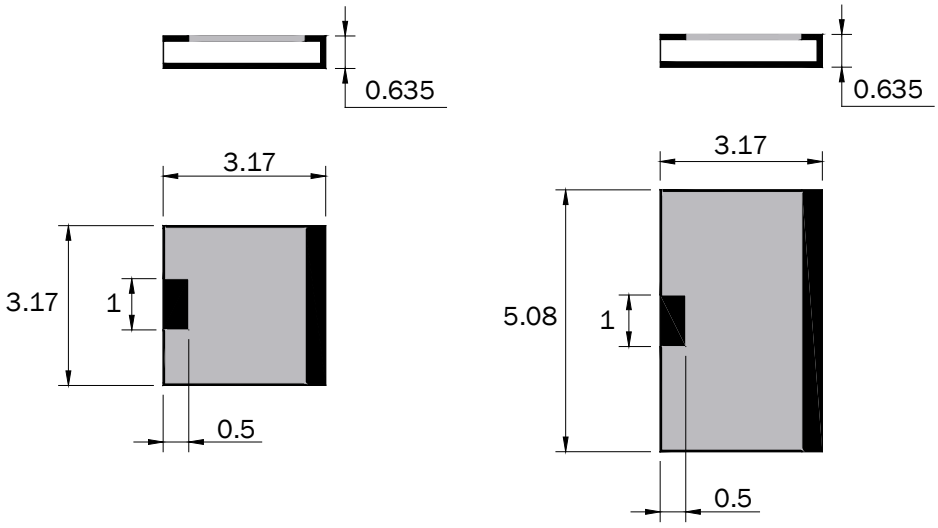
50 W 8 GHz AlN

Standards
NF C 96-315
MIL-DTL-39030



Substrate	AlN
Resistive film	Thick film
Protection film	Epoxy
Contacts finition	Silver over Nickel barrier
Size	1212, 2012





45-0041Y **45-0050Y**

Dimensions in mm

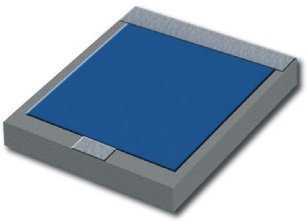
Return to Search by Part Number

P/N	Frequency (GHz)	Power (W)	Impedance (Ω ± 5%)	Max VSWR	T (°C)
45-0041Y	8	50	50	1.25	85
45-0050Y	8	50	50	1.30	100

mm	inch
0.5	0.020
0.635	0.025
1	0.039
3.17	0.125
5.08	0.200

Tel. +33 (0)1 34 16 33 00 - www.diconex.fr
DICONEX laroche group DELTA OHM
12 avenue des Cures Z.I. - 95580 Andilly - FRANCE

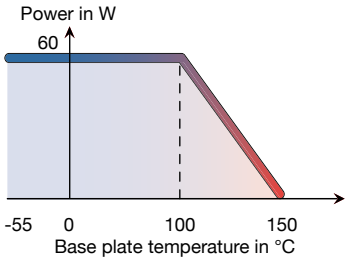
60 W 4 GHz AlN

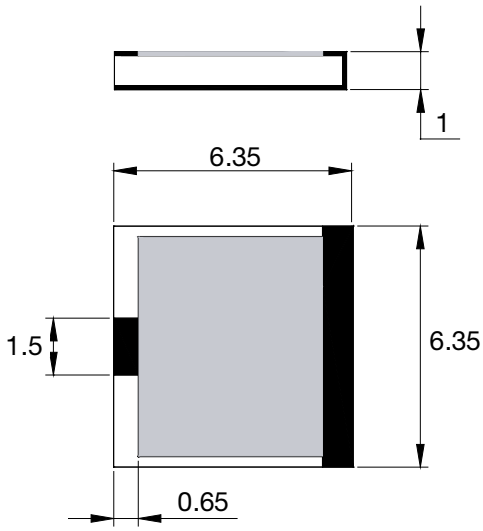


Standards
NF C 96-315
MIL-DTL-39030

RoHS CERTIFIED

Substrate	AlN
Resistive film	Thick film
Protection film	Epoxy
Contacts finition	Silver over Nickel barrier
Size	2525





Dimensions in mm

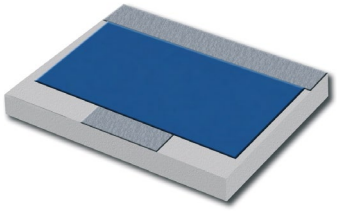
Return to Search by Part Number

P/N	Frequency (GHz)	Power (W)	Impedance (Ω ± 5%)	Max VSWR
45-0005Y	4	60	50	1.25

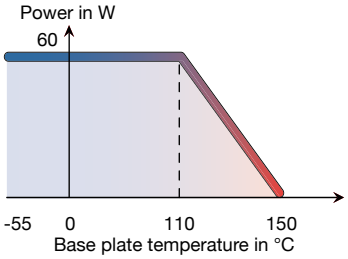
mm	inch
0.65	0.026
1	0.039
1.5	0.059
6.35	0.250

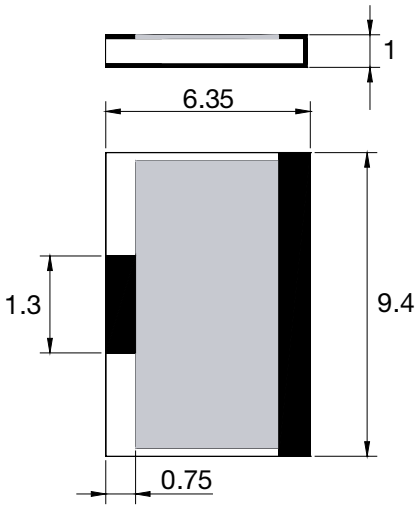
60 W 4 GHz BeO

Standards
NF C 96-315
MIL-DTL-39030



Substrate	BeO
Resistive film	Thick film
Protection film	Epoxy
Contacts	PtAg
Size	3725





Dimensions in mm

Chip Terminations

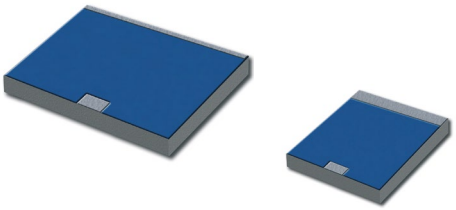
Return to Search by Part Number

P/N	Frequency (GHz)	Power (W)	Impedance (Ω ± 5%)	Max VSWR
40-0234	4	60	50	1.30

mm	inch
0.75	0.030
1	0.039
1.3	0.051
6.35	0.250
9.4	0.370

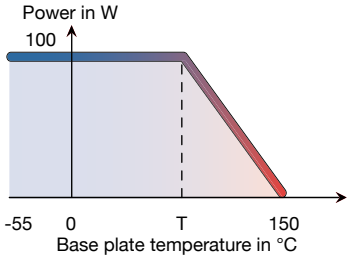
Tel. +33 (0)1 34 16 33 00 - www.diconex.fr
DICONEX laroche group DELTA OHM
12 avenue des Cures Z.I. - 95580 Andilly - FRANCE

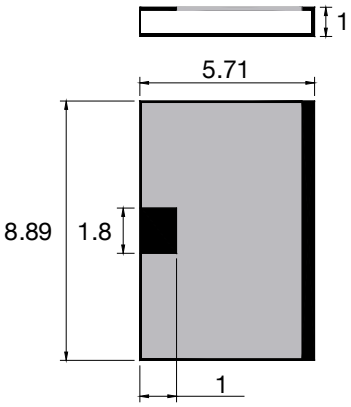
100 W 6 GHz AlN



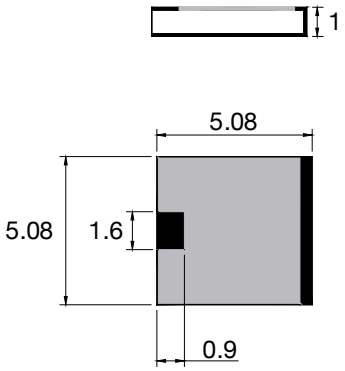
Standards
NF C 96-315
MIL-DTL-39030

Substrate	AlN
Resistive film	Thick film
Protection film	Epoxy
Contacts finition	Silver over Nickel barrier
Size	3523, 2020





45-0037Y



45-0036Y

Dimensions in mm

Return to Search by Part Number

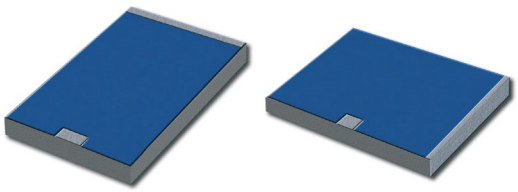
P/N	Frequency (GHz)	Power (W)	Impedance (Ω ± 5%)	Max VSWR	T (°C)
45-0037Y	5	100	50	1.20*	100
45-0036Y	6	100	50	1.20**	85

* VSWR ≤ 1.06 at 3.5 GHz
** VSWR ≤ 1.10 at 3.5 GHz

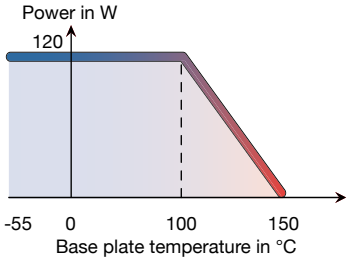
mm	inch
0.9	0.035
1	0.039
1.6	0.063
1.8	0.071
5.08	0.200
5.71	0.225
8.89	0.350

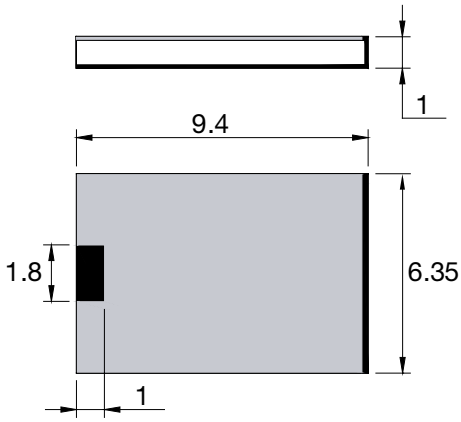
120 W 3 GHz AlN

Standards
NF C 96-315
MIL-DTL-39030

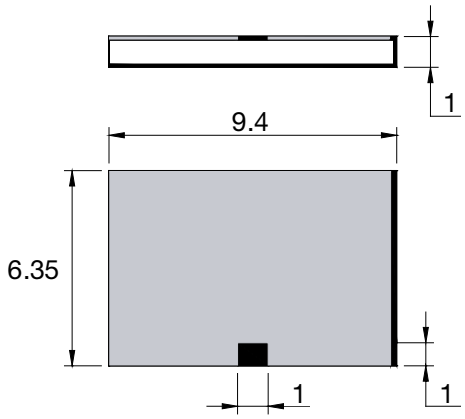


Substrate	AlN
Resistive film	Thick film
Protection film	Epoxy
Contacts finition	Silver over Nickel barrier
Size	3725





40-0327Y



40-0316Y

Dimensions in mm

Return to Search by Part Number

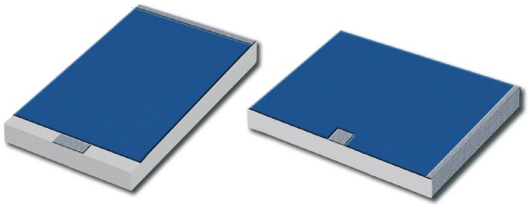
P/N	Frequency (GHz)	Power (W)	Impedance (Ω ± 5%)	Max VSWR
40-0316Y	2.2	120	50	1.20
40-0327Y	3	120	50	1.20

mm	inch
1	0.039
1.8	0.071
6.35	0.250
9.4	0.370

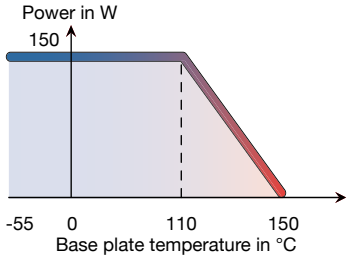
Tel. +33 (0)1 34 16 33 00 - www.diconex.fr
DICONEX laroche group DELTA OHM
12 avenue des Cures Z.I. - 95580 Andilly - FRANCE

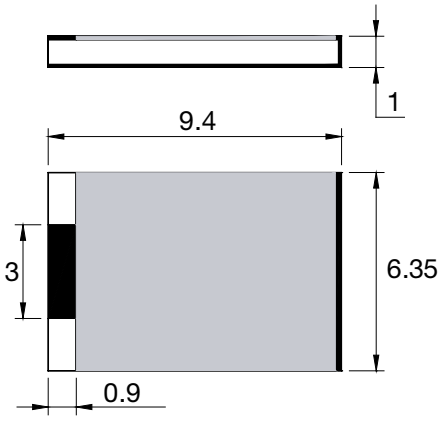
150 W 2.5 GHz BeO

Standards
NF C 96-315
MIL-DTL-39030

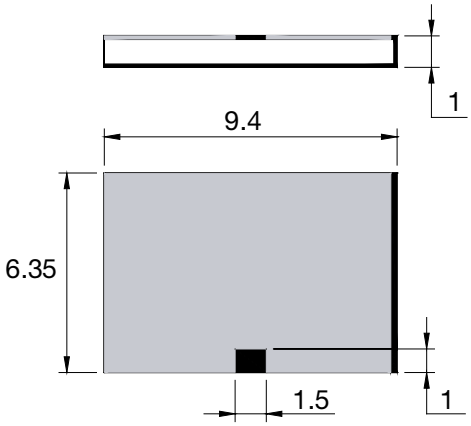


Substrate	BeO
Resistive film	Thick film
Protection film	Epoxy
Contacts	PtAg
Size	3725





40-0286



40-0287

Dimensions in mm

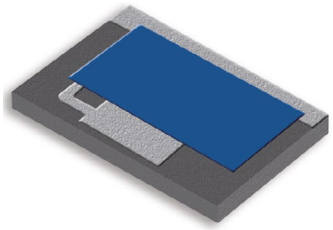
Return to Search by Part Number

P/N	Frequency (GHz)	Power (W)	Impedance (Ω ± 5%)	Max VSWR
40-0286	2.5	150	50	1.20
40-0287	2.5	150	50	1.20

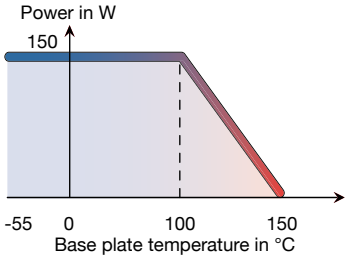
mm	inch
0.9	0.035
1	0.039
1.5	0.059
3	0.118
6.35	0.250
9.4	0.370

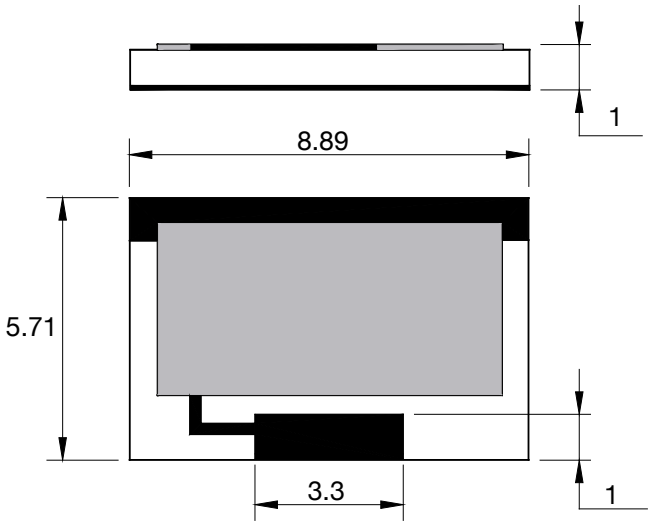
150 W 3 GHz AlN

Standards
NF C 96-315
MIL-DTL-39030



Substrate	AlN
Resistive film	Thick film
Protection film	Epoxy
Contacts finition	Silver over Nickel barrier
Size	3523





Dimensions in mm

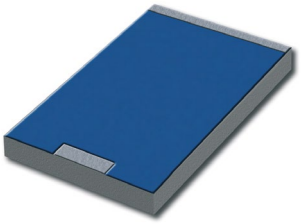
Chip Terminations

Return to Search by Part Number

P/N	Frequency (GHz)	Power (W)	Impedance (Ω ± 5%)	Max VSWR
45-0013Y	3	150	50	1.20

mm	inch
1	0.039
3.3	0.130
5.71	0.225
8.89	0.350

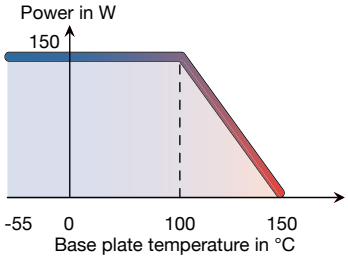
150 W 4 GHz AlN

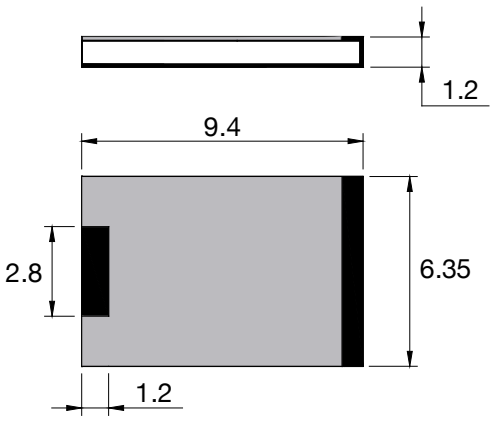


Standards
NF C 96-315
MIL-DTL-39030

RoHS CERTIFIED

Substrate	AlN
Resistive film	Thick film
Protection film	Epoxy
Contacts finition	SIlver over Nickel barrier
Size	3725





Dimensions in mm

Return to Search by Part Number

P/N	Frequency (GHz)	Power (W)	Impedance (Ω ± 5%)	Max VSWR
45-0045Y	4	150	50	1.20*

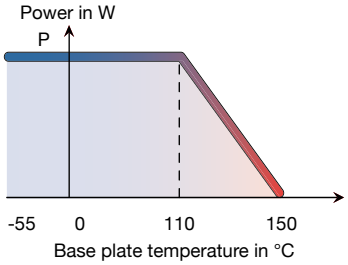
* VSWR ≤ 1.10 at 3GHz

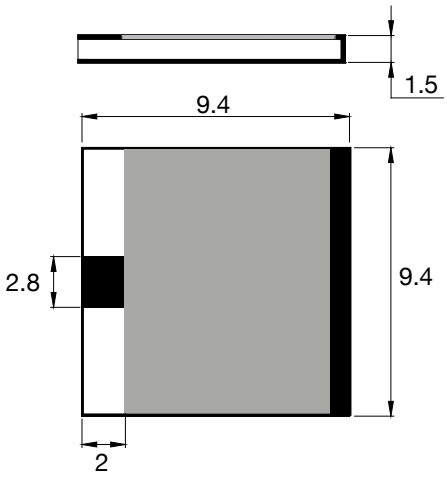
mm	inch
1.2	0.047
2.8	0.110
6.35	0.250
9.4	0.370

150-220 W 5 GHz BeO

Standards
NF C 96-315
MIL-DTL-39030

Substrate	BeO
Resistive film	Thick film
Protection film	Overglaze
Contacts finition	PtAg
Size	2525





Dimensions in mm

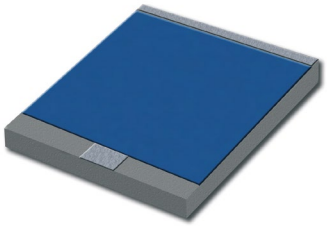
Return to Search by Part Number

P/N	Frequency (GHz)	Power (W)	Impedance (Ω ± 5%)	Max VSWR
43-0218	5	220	50	1.15
47-0218*	5	150	50	1.15

* Space grade

mm	inch
1.5	0.059
2	0.079
2.8	0.110
9.4	0.370

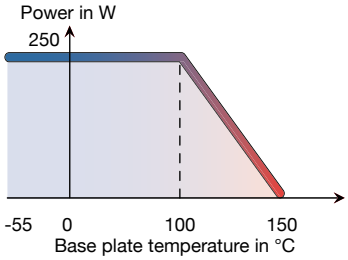
250 W 2.2 GHz AlN

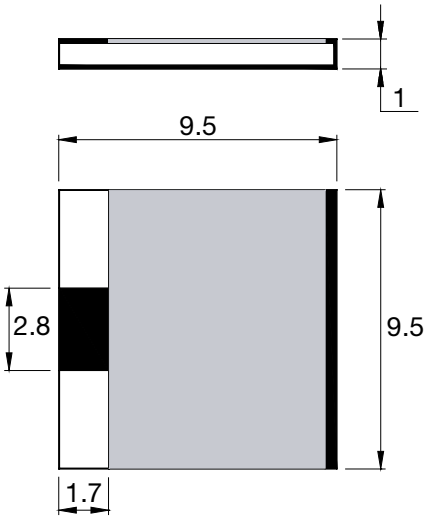


Standards
NF C 96-315
MIL-DTL-39030

RoHS CERTIFIED

Substrate	AlN
Resistive film	Thick film
Protection film	Epoxy
Contacts finition	Silver over Nickel barrier
Size	3737





Dimensions in mm

Return to Search by Part Number

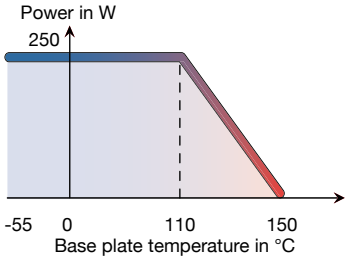
P/N	Frequency (GHz)	Power (W)	Impedance (Ω ± 5%)	Max VSWR
45-0015Y	2.2	250	50	1.15
45-0059Y	0.5	250	100	

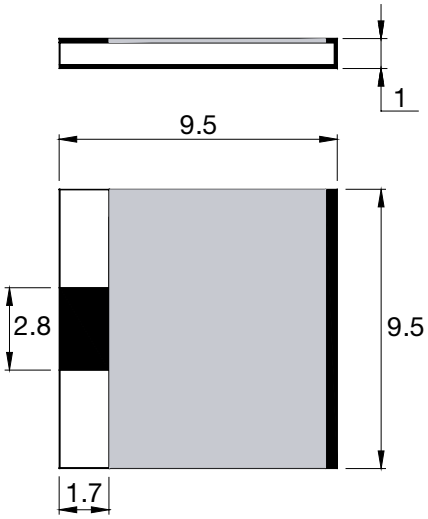
mm	inch
1	0.039
1.7	0.067
2.8	0.110
9.5	0.374

250 W 3 GHz BeO

Standards
NF C 96-315
MIL-DTL-39030

Substrate	BeO
Resistive film	Thick film
Protection film	Epoxy
Contacts finition	PtAg
Size	3737





Dimensions in mm

Chip Terminations

Return to Search by Part Number

P/N	Frequency (GHz)	Power (W)	Impedance (Ω ± 5%)	Max VSWR
43-0284	3	250	50	1.20

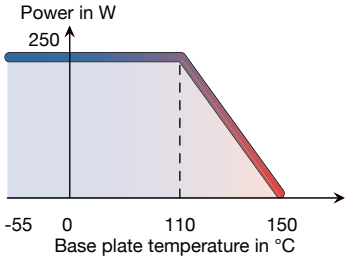
mm	inch
1	0.039
1.7	0.067
2.8	0.110
9.5	0.374

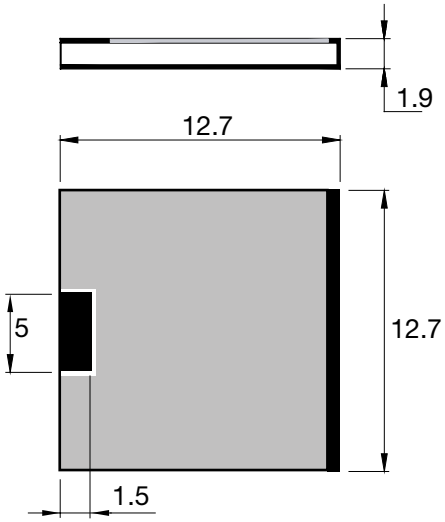
Tel. +33 (0)1 34 16 33 00 - www.diconex.fr
DICONEX laroche group DELTA OHM
12 avenue des Cures Z.I. - 95580 Andilly - FRANCE

400 W 2 GHz BeO

Standards
NF C 96-315
MIL-DTL-39030

Substrate	BeO
Resistive film	Thick film
Protection film	Epoxy
Contacts finition	PtAg
Size	5050





Dimensions in mm

Return to Search by Part Number

P/N	Frequency (GHz)	Power (W)	Impedance (Ω ± 5%)	Max VSWR
43-0212	2	400	50	1.15
47-0212*	2	400	50	1.15

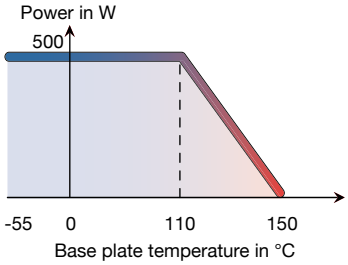
* Space grade

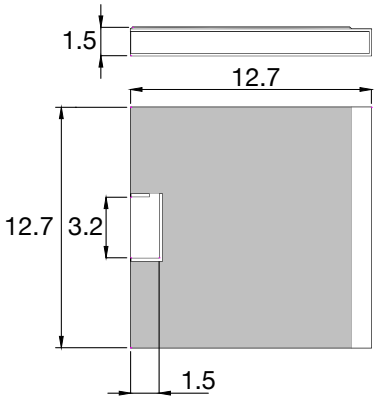
mm	inch
1.5	0.059
1.9	0.075
5	0.197
12.7	0.5

500 W 4 GHz BeO

Standards
NF C 96-315
MIL-DTL-39030

Substrate	BeO
Resistive film	Thick film
Protection film	Epoxy
Contacts finition	PtAg
Size	5050





Dimensions in mm

Chip Terminations

Return to Search by Part Number

P/N	Frequency (GHz)	Power (W)	Impedance (Ω ± 5%)	Max VSWR
43-0291	4	500	50	1.20

mm	inch
1.5	0.059
3.2	0.126
12.7	0.50

Search by Part Number


0
6,00
30
3,00
9,00
-60
60
-90
90
-120
120
150
-180