RF
POWER PASSIVE COMPONENTS

Resistance - Termination

NR new resistance
precision without limits

www.newresistance.it

Micro RF Resistances Terminations Attenuators

General Description

We BEIJING BED-TECH have more than 100 kinds of resistors, attenuators and terminal loads with power range from 10W to 800W.

Moreover, its voltage VSWR is only 1.25; 1 and its heat stability is better than 10OPPM/°C.

In this case, it can be used even microwave application.

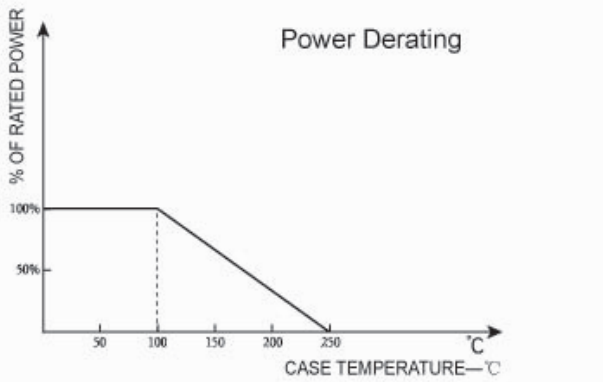
The value of resistance can be from several Ohm to KOhm and precision can be ±5% (special request can be done according to the customers).
The construction follows the international standard and each component will be 100% tested according to the military request to be sure the normal working and long-life.

Technical Character

1. Value range: 6.25Ω-400Ω
2. Precision: ±5% (standard) or ±2%, ±1%
3. Heat stability: ≥100PPM/°C
4. Working power: 100% power on -55°C — 100°C; maximum temperature can be 250°C (please check the "component power control chart "
5. Chip: Gold plated

TP40-50

Model	Power rating (W)	Nominal resistance(Ω)
TP	40	50



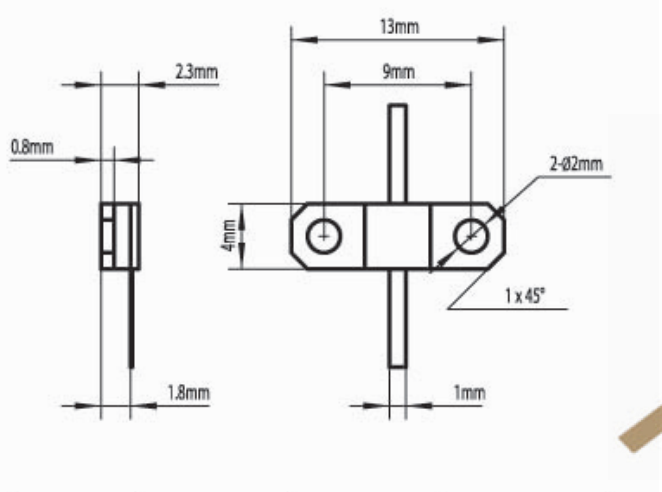
Suggested Mounting Procedures

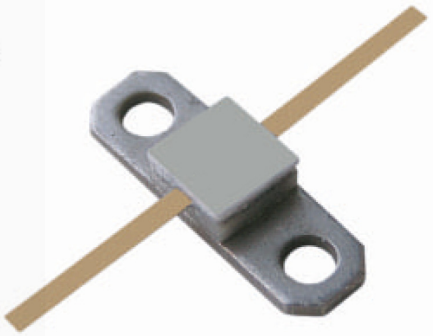
1. Make sure that the devices are mounted on flat surface (0.02mm under the device) to optimize the heat transfer.
2. Drill &tap the heatsink for the appropriate thread size to be used.
3. Coat heatsink with a minimum a mount of high quality silicone grease (0.02mm max. thickness).
4. Position device on mounting surface and secure using socket head screws, flat & split washers, torque screws to the appropriate value. Make sure that the device is flat against the heatsink. (Care should be taken to avoid upward pressure of the leads towards the lid).
5. solder leads in place using an SN63 type solder with a controlled temperature iron(210℃).

This product contains beryllium oxide. The product is entirely safe provided that the BeO discs are not damaged. All persons who handle, use or dispose of this product should be aware of its nature and of the necessary safety precautions. After use, dispose of as chemical or special waste according to the regulations applying at the location of the user. It must never be thrown out with the general or domestic waste.

Micro RF Resistances

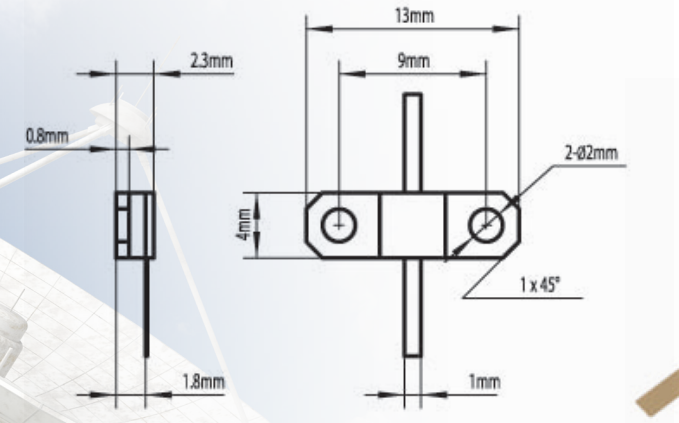
RL10 RESISTORS

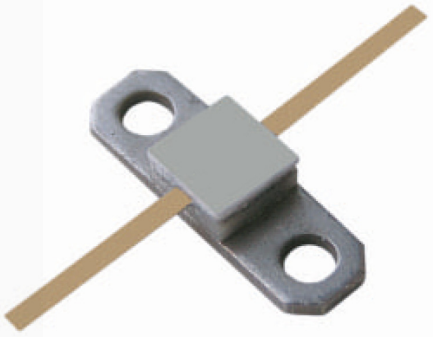




Model	Power (w)	Impedance (Ω)	Frequency (GHz)
RL10	10	50、100	DC—3.2

RL10 RESISTORS

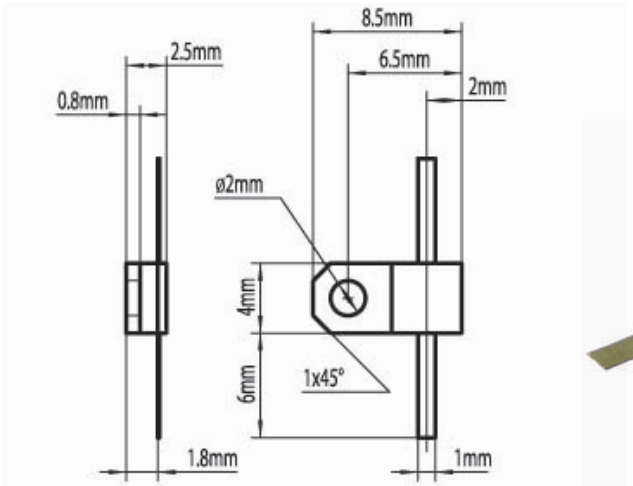


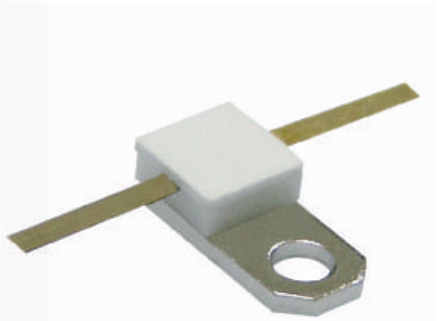


Model	Power (w)	Impedance (Ω)	Frequency (GHz)
RL10	10	50、100	DC—3.2

Micro RF Resistances

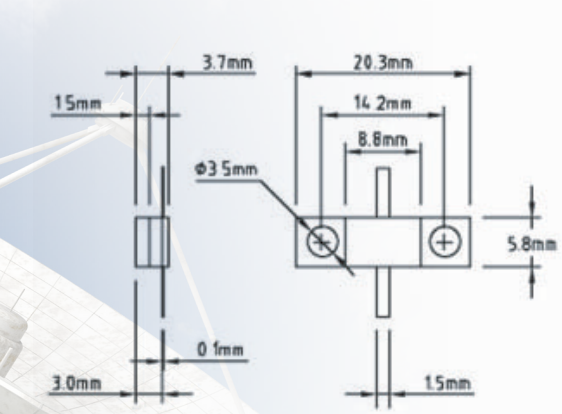
RF20 RESISTORS

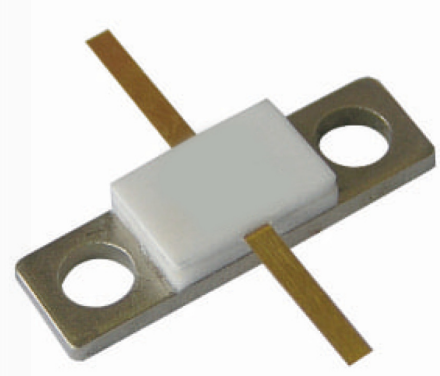




Model	Power (w)	Impedance (Ω)	Frequency (GHz)
RF20	20	50、100	DC—3.2

RE40 RESISTORS

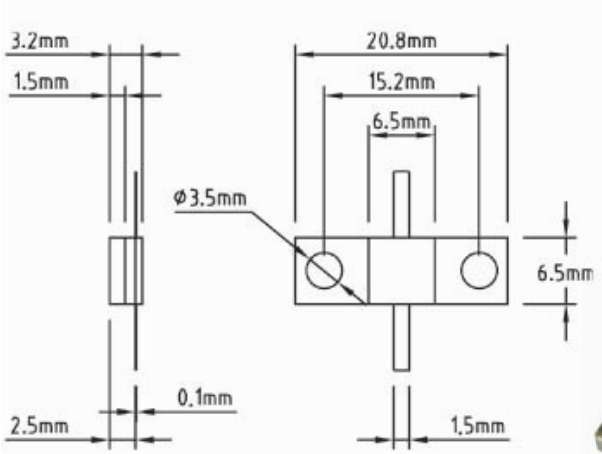


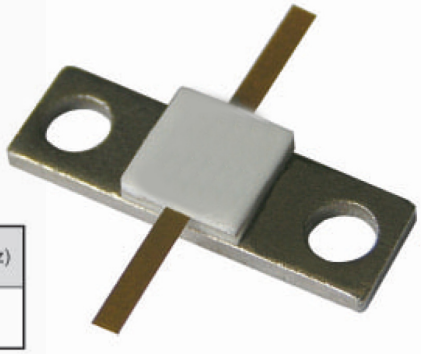


Model	Power (w)	Impedance (Ω)	Frequency (GHz)
RE40	40	50、80、100	DC—3.2

Micro RF Resistances

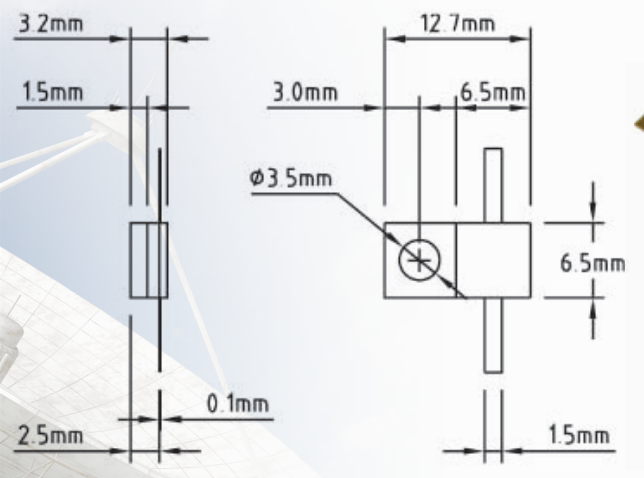
RC40 RESISTORS





Model	Power (w)	Impedance (Ω)	Frequency (GHz)
RC40	40	50、80、82、100	DC—3.2

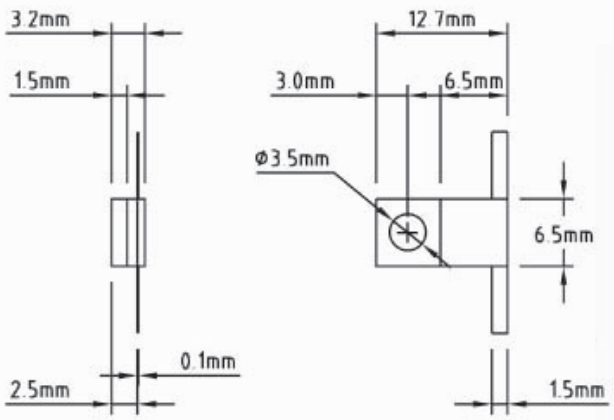
RP40 RESISTORS

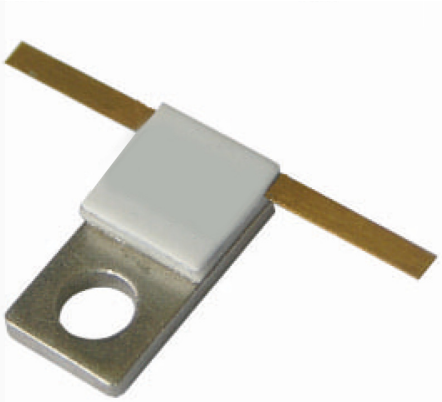


Model	Power (w)	Impedance (Ω)	Frequency (GHz)
RP40	40	50、80、100	DC—3.2

Micro RF Resistances

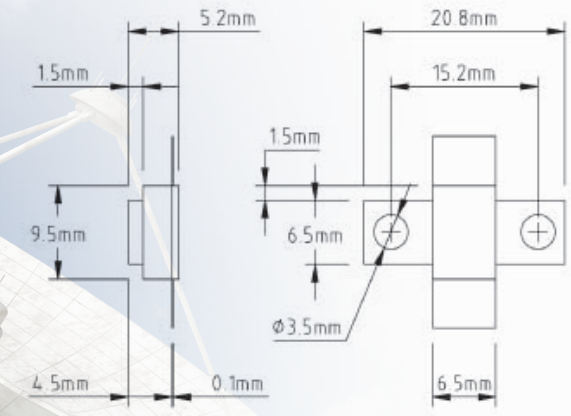
RZ40 RESISTORS

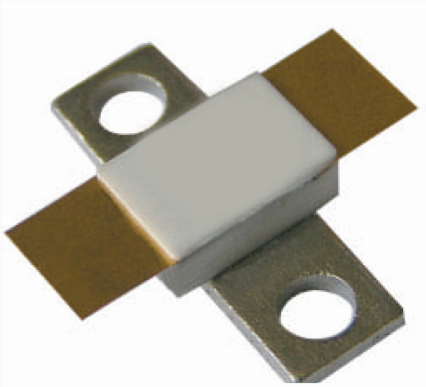




Model	Power (w)	Impedance (Ω)	Frequency (GHz)
RZ40	40	50、80、100	DC—3.2

RF75 RESISTORS

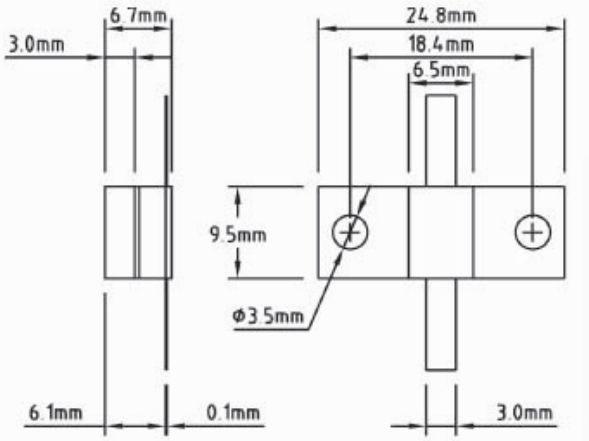


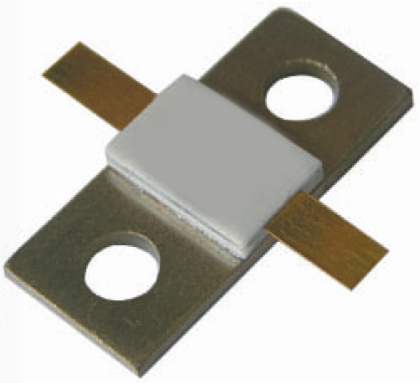


Model	Power (w)	Impedance (Ω)	Frequency (GHz)
RF75	75	50、80、100	DC—3.2

Micro RF Resistances

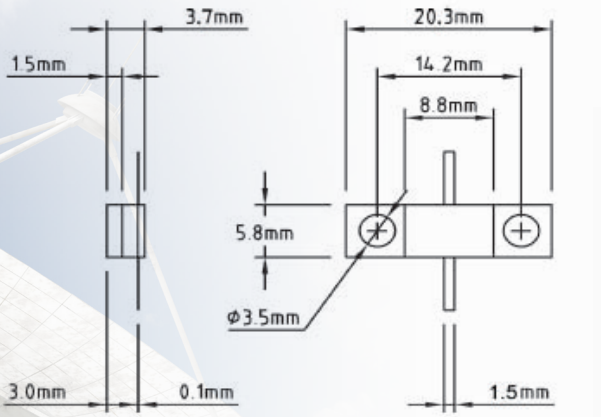
RG75 RESISTORS

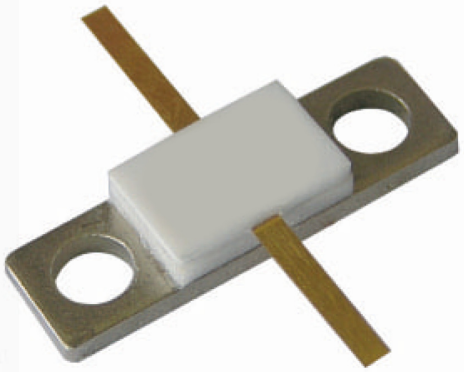




Model	Power (w)	Impedance (Ω)	Frequency (GHz)
RG75	75	50、80、100	DC—3.2

RE100 RESISTORS

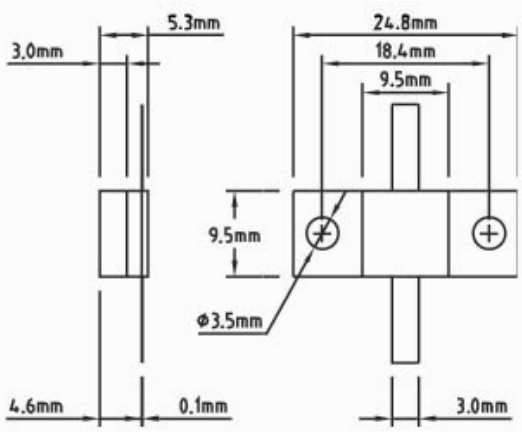


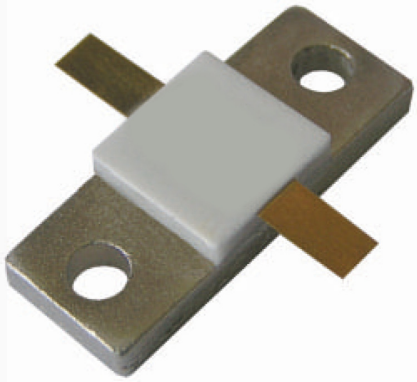


Model	Power (w)	Impedance (Ω)	Frequency (GHz)
RE100	100	50、80、100	DC—3.2

Micro RF Resistances

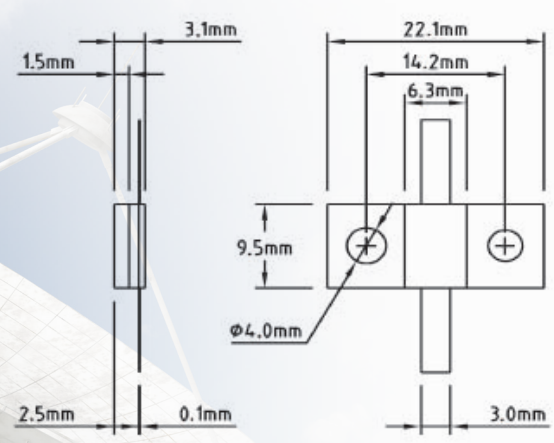
RI150 RESISTORS

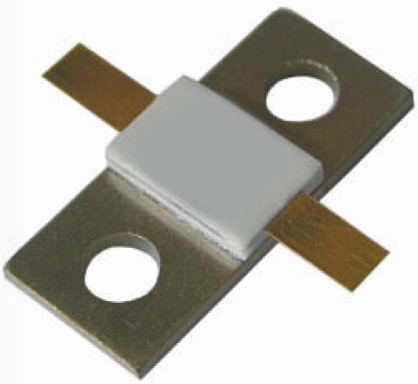




Model	Power (w)	Impedance (Ω)	Frequency (GHz)
RI150	150	50、80、100	DC—3.2

RL150 RESISTORS

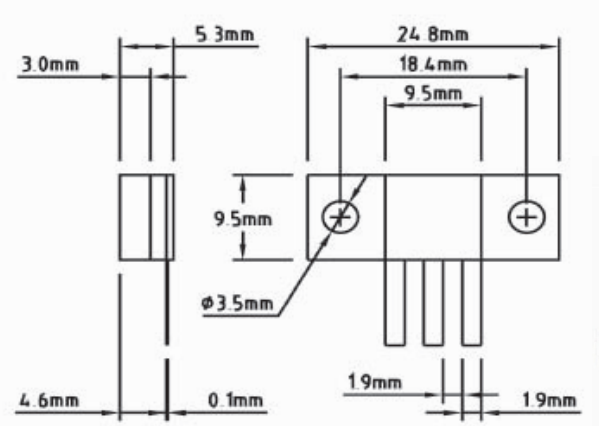


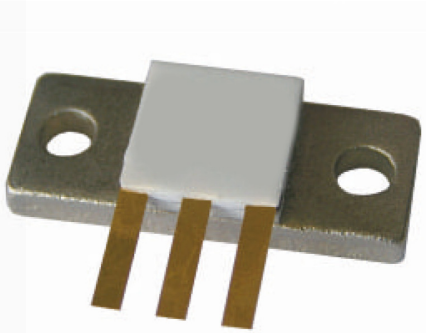


Model	Power (w)	Impedance (Ω)	Frequency (GHz)
RL150	150	50、80、100	DC—3.2

Micro RF Resistances

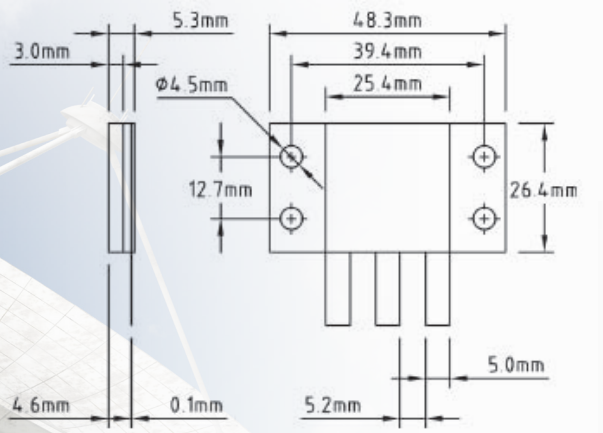
RS60 RESISTORS

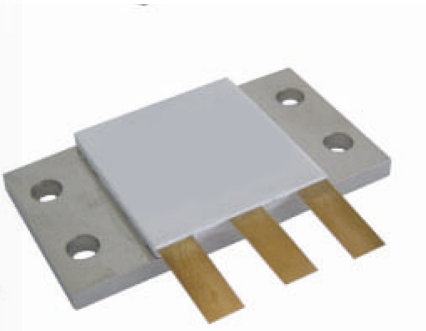




Model	Power (w)	Impedance (Ω)	Frequency (GHz)
RS60	60	3 × 50	DC—0.5

RW300 RESISTORS

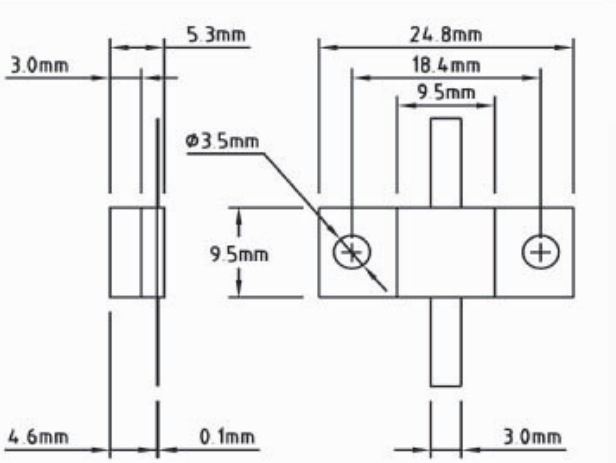




Model	Power (w)	Impedance (Ω)	Frequency (GHz)
RW300	300	3 × 50	DC—0.5

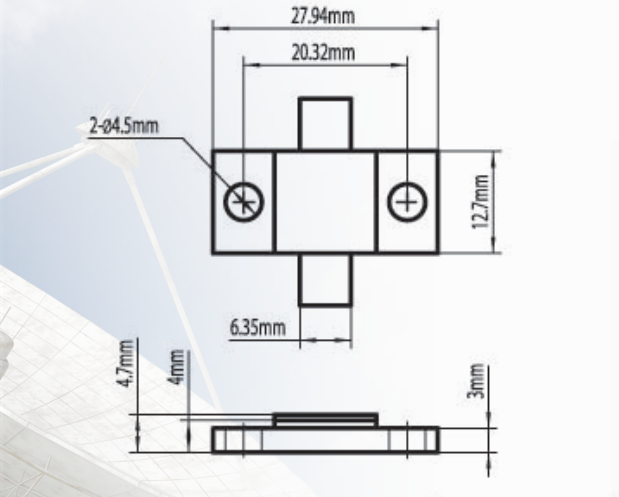
Micro RF Resistances

RM250 RESISTORS



Model	Power (w)	Impedance (Ω)	Frequency (GHz)
RM250	250	50、80、100、200	DC—3.2

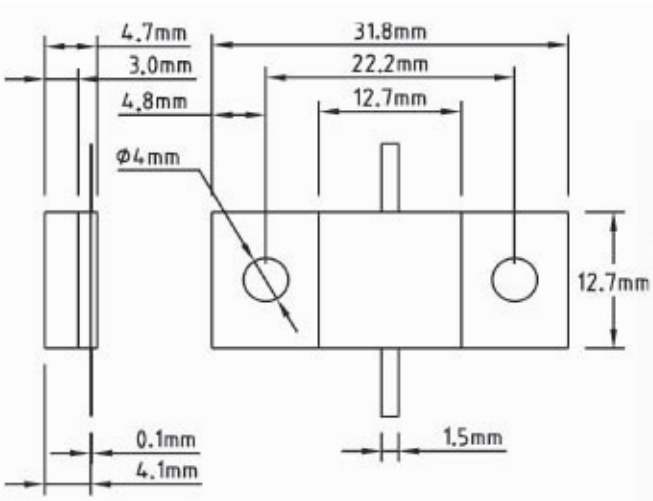
RL400 RESISTORS

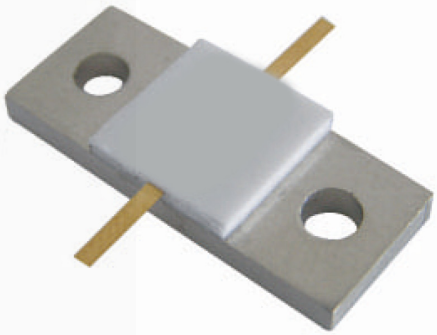


Model	Power (w)	Impedance (Ω)	Frequency (GHz)
RL400	400	50、100	DC—0.4

Micro RF Resistances

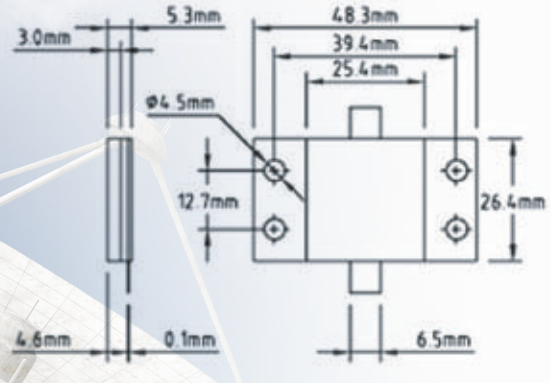
RL500 RESISTORS

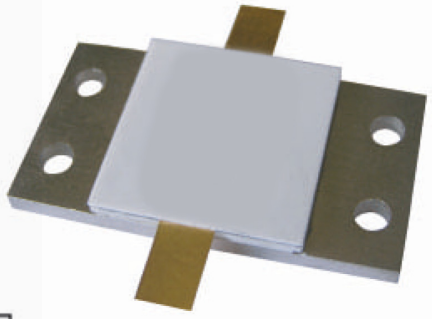




Model	Power (w)	Impedance (Ω)	Frequency (GHz)
RL500	500	50、100	DC—3.2

RM800 RESISTORS

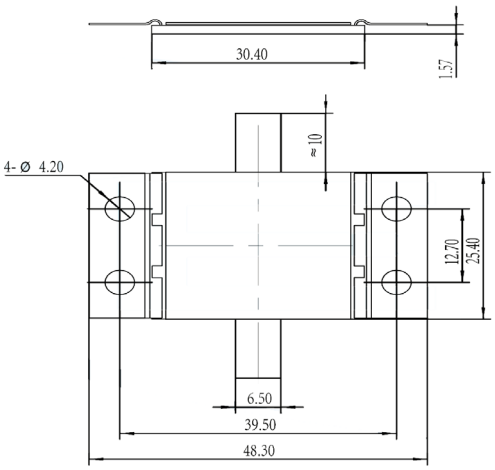


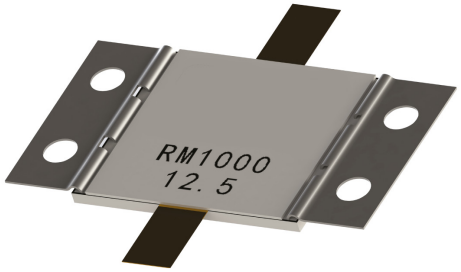


Model	Power (w)	Impedance (Ω)	Frequency (GHz)
RM800	800	50、100	DC—0.5

Micro RF Resistances

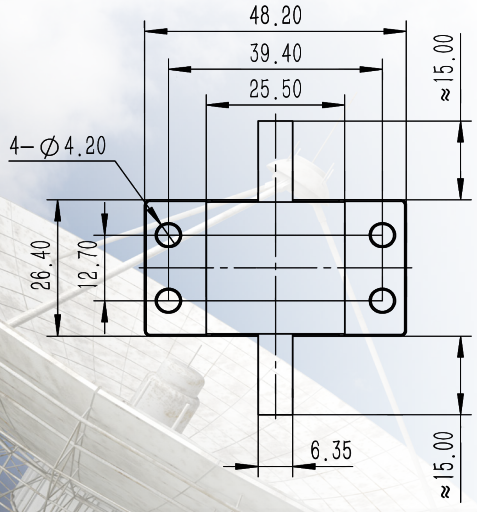
RM1000 RESISTORS

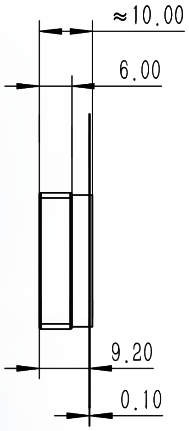


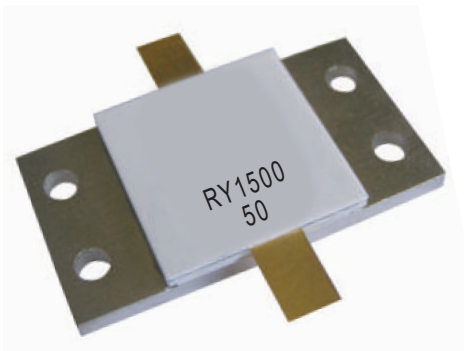


Model	Power (w)	Impedance (Ω)	Frequency (GHz)
RM1000	1000	12.5、50、100、200、400	DC—0.5

RY1500 RESISTORS



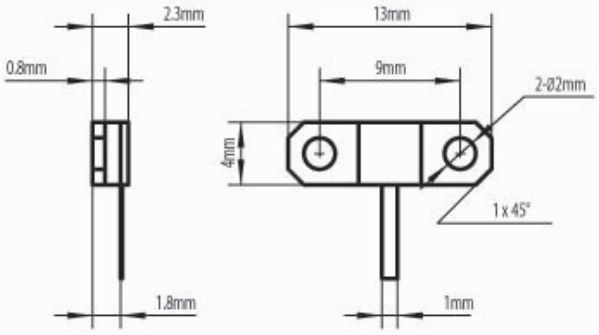




Model	Power (w)	Impedance (Ω)	Frequency (GHz)
RY1500	1500	25, 50, 100, 200	DC---0.5

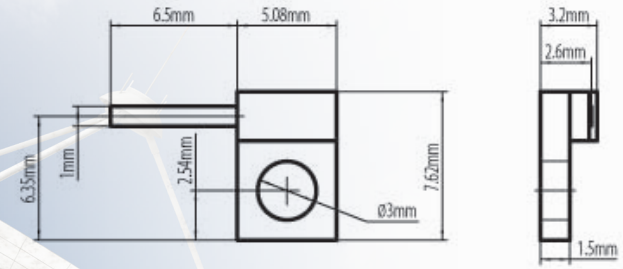
Terminations

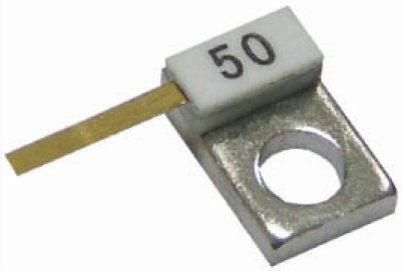
TL10 TERMINATIONS



Model	Power (w)	Impedance (Ω)	Frequency (GHz)	VSWR
TL10	10	50	DC—3.2	≤1.25

TP10 TERMINATIONS

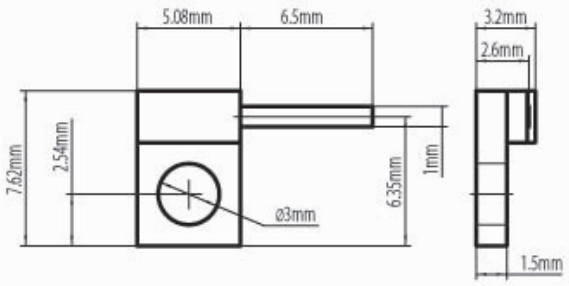


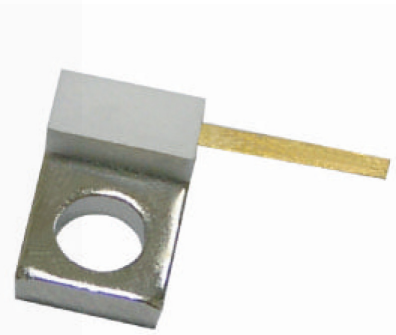


Model	Power (w)	Impedance (Ω)	Frequency (GHz)	VSWR
TP10	10	50	DC—3.2	≤1.25

Terminations

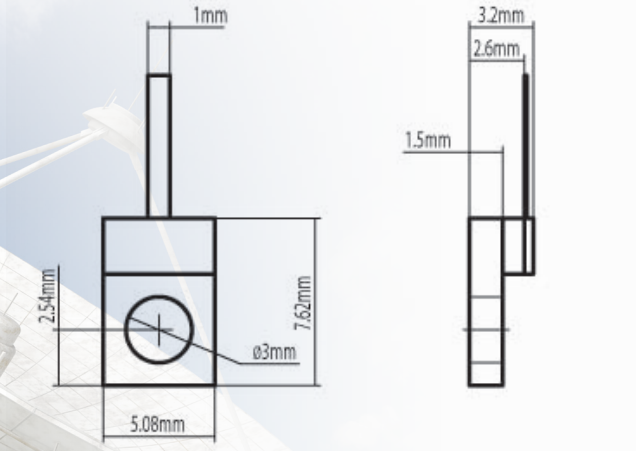
TF10 TERMINATIONS

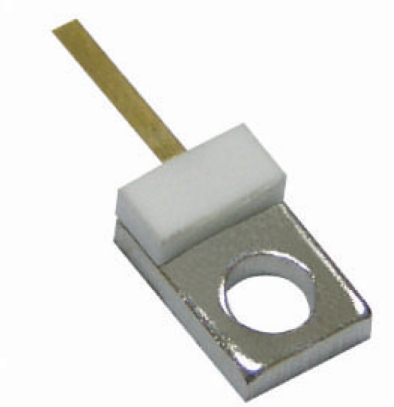




Model	Power (w)	Impedance (Ω)	Frequency (GHz)	VSWR
TF10	10	50	DC—3.2	≤1.25

TE10 TERMINATIONS

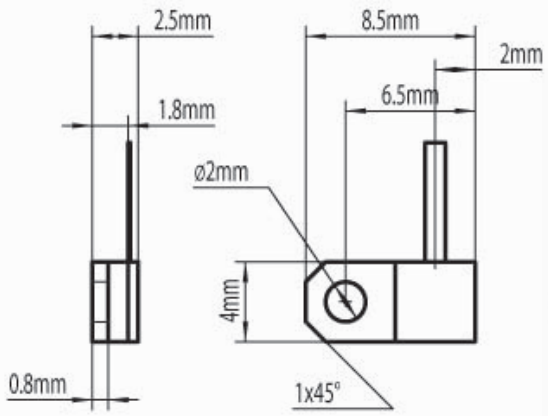


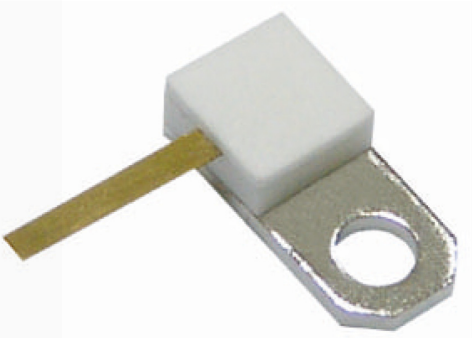


Model	Power (w)	Impedance (Ω)	Frequency (GHz)	VSWR
TE10	10	50	DC—3.2	≤1.25

Terminations

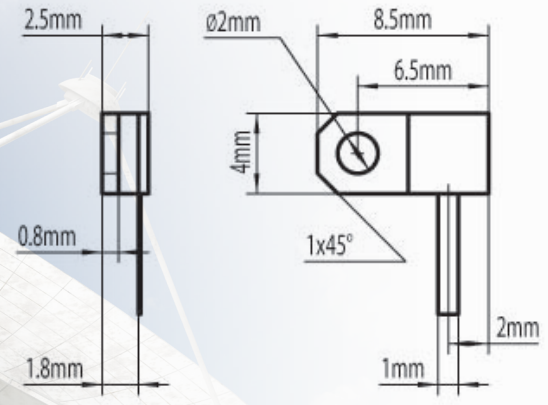
TP20 TERMINATIONS

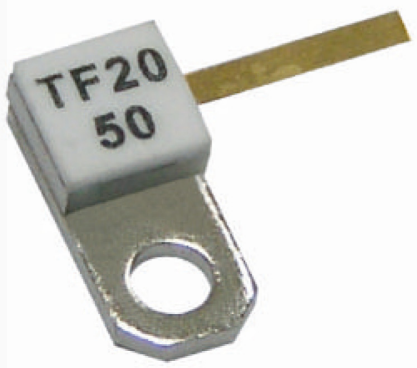




Model	Power (w)	Impedance (Ω)	Frequency (GHz)	VSWR
TP20	20	50	DC—3.2	≤1.30

TF20 TERMINATIONS

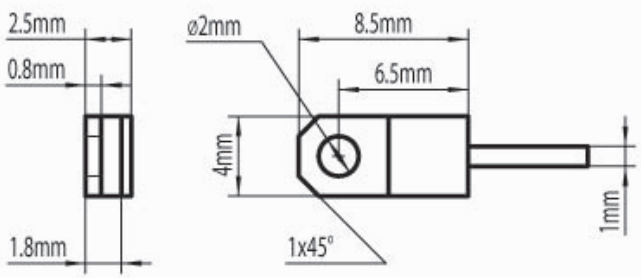




Model	Power (w)	Impedance (Ω)	Frequency (GHz)	VSWR
TF20	20	50	DC—3.2	≤1.30

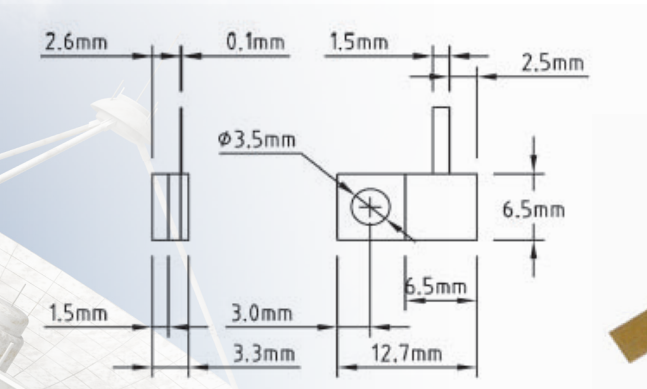
Terminations

TE20 TERMINATIONS



Model	Power (w)	Impedance (Ω)	Frequency (GHz)	VSWR
TE20	20	50	DC—3.2	≤1.30

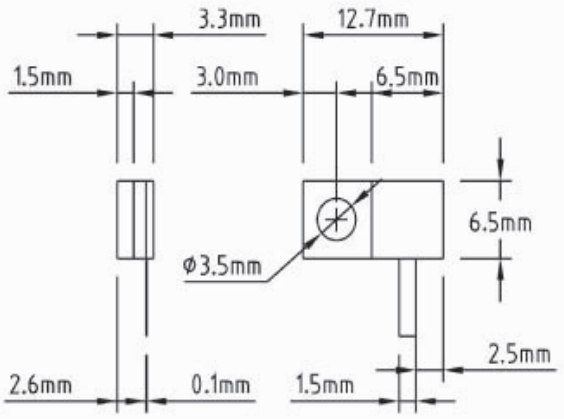
TE20 TERMINATIONS



Model	Power (w)	Impedance (Ω)	Frequency (GHz)	VSWR
TP40	40	50	DC—3.2	≤1.25

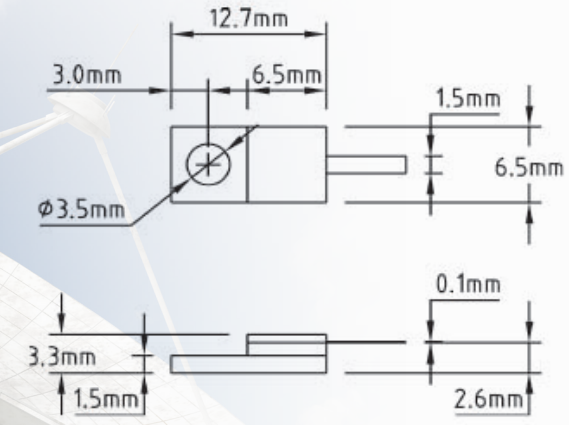
Terminations

TF40 TERMINATIONS



Model	Power (w)	Impedance (Ω)	Frequency (GHz)	VSWR
TF40	40	50	DC—3.2	≤1.25

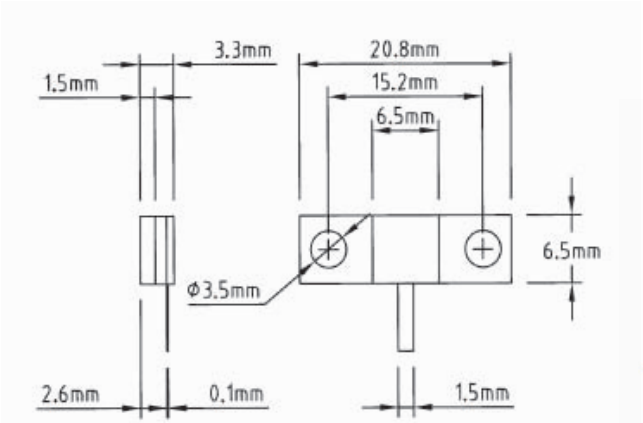
TE40 TERMINATIONS



Model	Power (w)	Impedance (Ω)	Frequency (GHz)	VSWR
TE40	40	50	DC—3.2	≤1.25

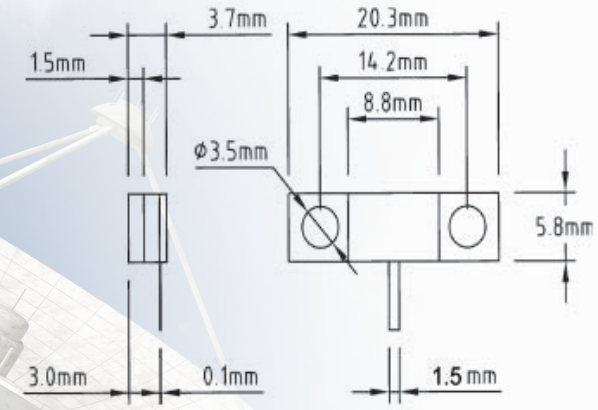
Terminations

TC40 TERMINATIONS



Model	Power (w)	Impedance (Ω)	Frequency (GHz)	VSWR
TC40	40	50	DC—3.2	≤1.25

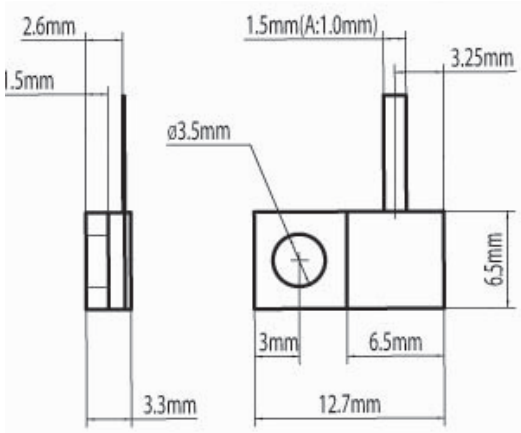
TT40 TERMINATIONS



Model	Power (w)	Impedance (Ω)	Frequency (GHz)	VSWR
TT40	40	50	DC—3.2	≤1.25

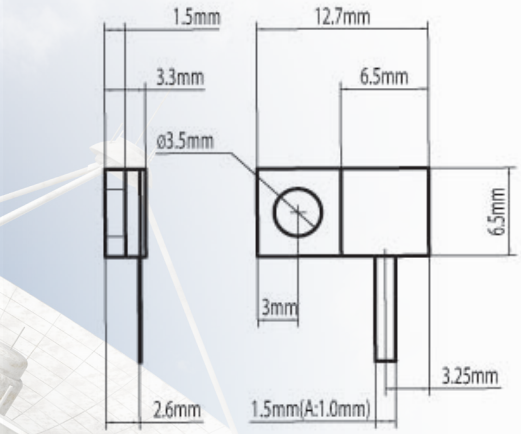
Terminations

TP60 TERMINATIONS



Model	Power(w)	Impedance (Ω)	Frequency (GHz)	VSWR	Lead (mm)
TP60	60	50	DC—3.2	≤1.25	1.5
TP60 (A)	60	50	DC—4 DC—1	≤1.50 ≤1.10	1

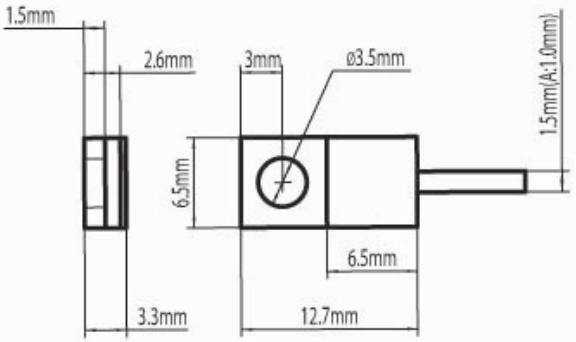
TF60 TERMINATIONS



Model	Power(w)	Impedance (Ω)	Frequency (GHz)	VSWR	Lead (mm)
TF60	60	50	DC—3.2	≤1.25	1.5
TF60 (A)	60	50	DC—4 DC—1	≤1.50 ≤1.10	1

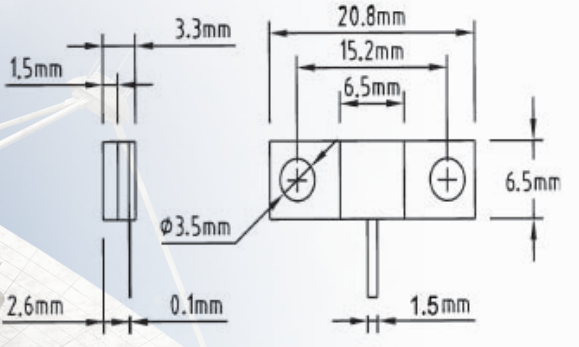
Terminations

TE60 TERMINATIONS



Model	Power(w)	Impedance (Ω)	Frequency (GHz)	VSWR	Lead (mm)
TE60	60	50	DC—3.2	≤1.25	1.5
TE60 (A)	60	50	DC—4 DC—1	≤1.50 ≤1.10	1

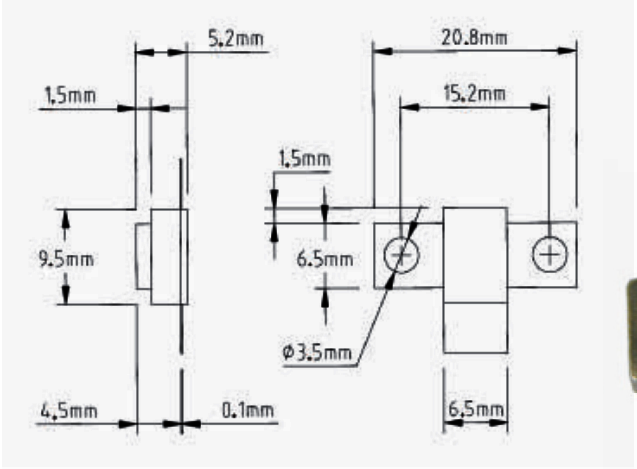
TC60 TERMINATIONS

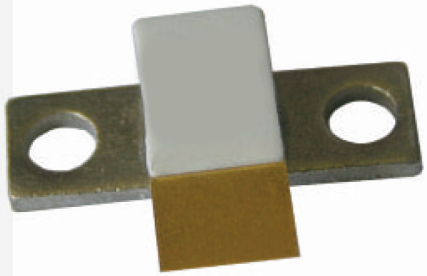


Model	Power (w)	Impedance (Ω)	Frequency (GHz)	VSWR
TC60	60	50	DC—3.2	≤1.25

Terminations

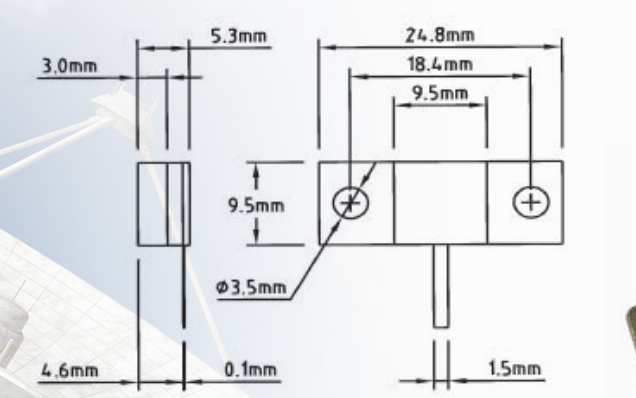
TF75 TERMINATIONS

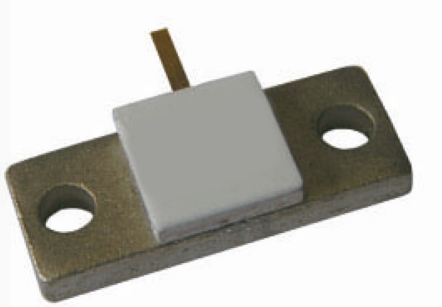




Model	Power (w)	Impedance (Ω)	Frequency (GHz)	VSWR
TF75	75	50、6.25	DC—3.2	≤1.25

TC100 TERMINATIONS

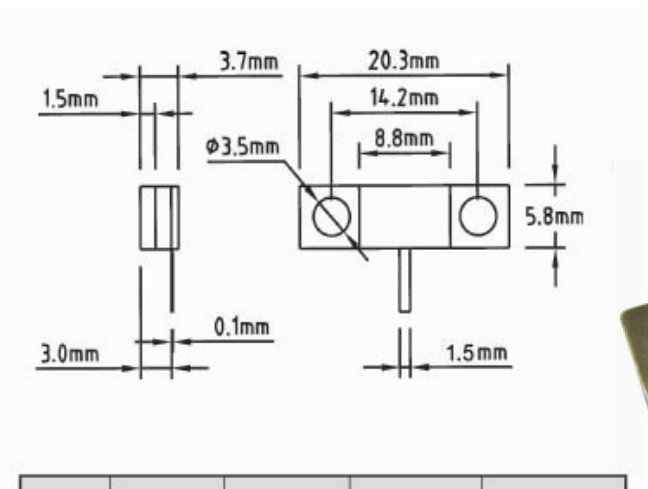


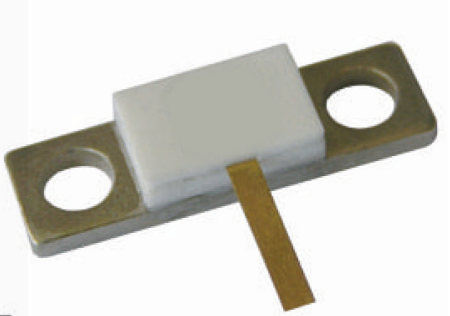


Model	Power (w)	Impedance (Ω)	Frequency (GHz)	VSWR
TC100	100	50	DC—3.2	≤1.25

Terminations

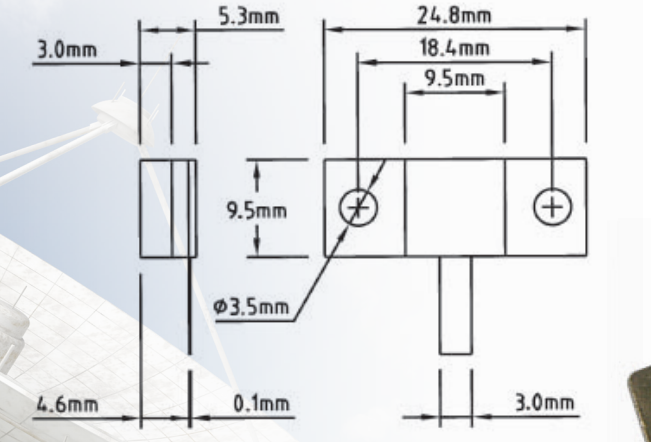
TE100 TERMINATIONS

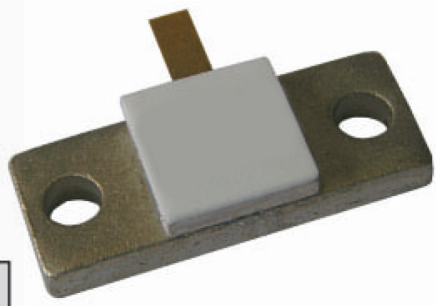




Model	Power (w)	Impedance (Ω)	Frequency (GHz)	VSWR
TE100	100	50	DC—3.2	≤1.25

TC150 TERMINATIONS

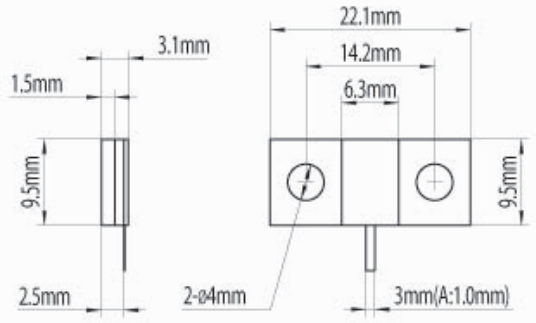


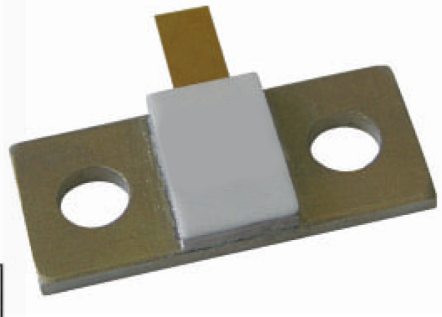


Model	Power (w)	Impedance (Ω)	Frequency (GHz)	VSWR
TC150	150	50	DC—3.2	≤1.25

Terminations

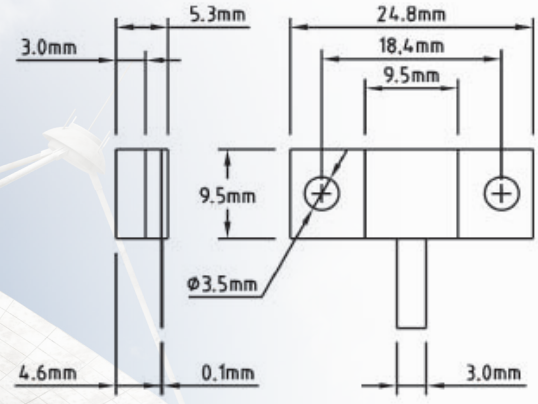
TL150 TERMINATIONS

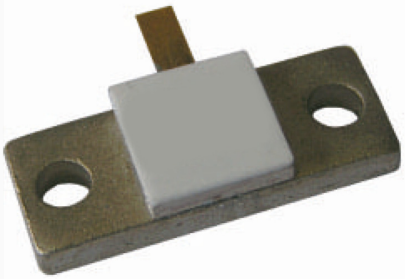




Model	Power(w)	Impedance (Ω)	Frequency (GHz)	VSWR	Lead (mm)
TL150	150	50	DC—3.2	≤1.25	3
TL150 (A)	150	50	DC—4	≤1.25	1

TC250 TERMINATIONS

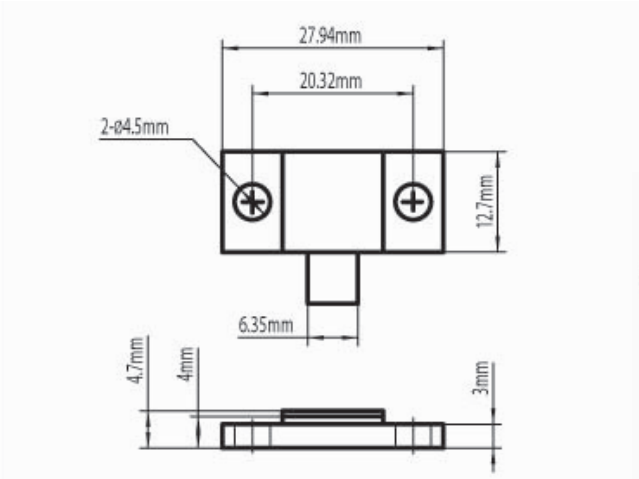




Model	Power (w)	Impedance (Ω)	Frequency (GHz)	VSWR
TC250	250	50	DC—3.2	≤1.25
TC250 (A)	250	50	DC—1.5	≤1.20

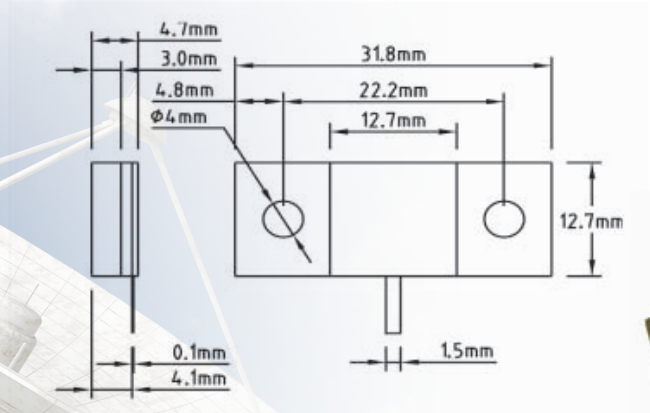
Terminations

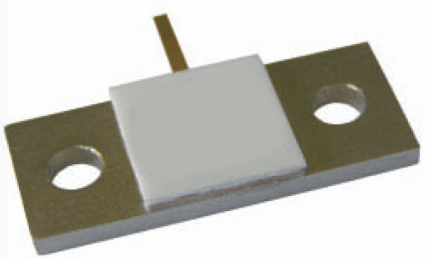
TL400 TERMINATIONS



Model	Power (w)	Impedance (Ω)	Frequency (GHz)	VSWR
TL400	400	50	DC—0.5	≤1.30

TL500 TERMINATIONS

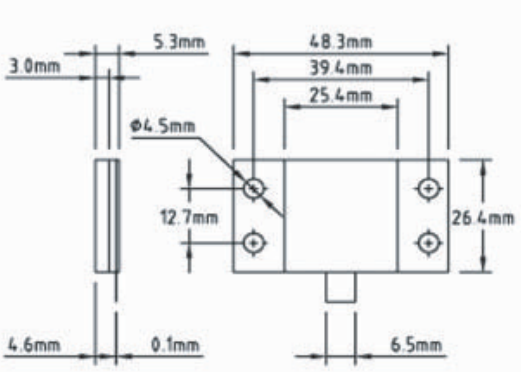


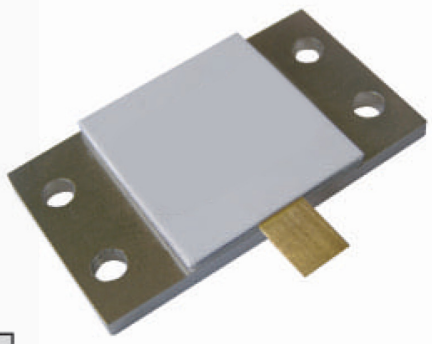


Model	Power (w)	Impedance (Ω)	Frequency (GHz)	VSWR
TL500	500	50	DC—3.2	≤1.35

Terminations

TY800 TERMINATIONS

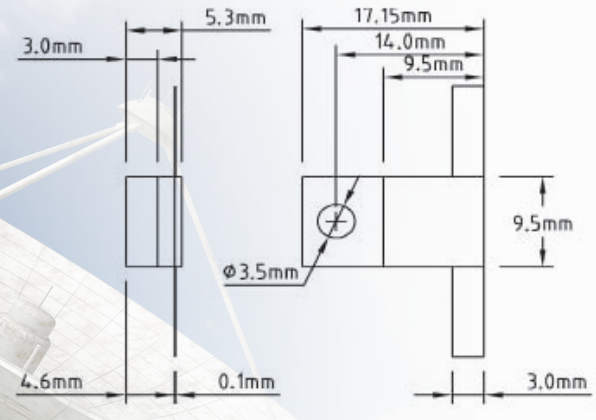


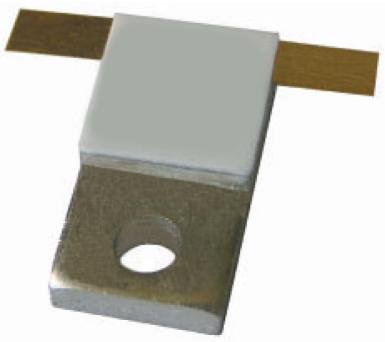


Model	Power (w)	Impedance (Ω)	Frequency (GHz)	VSWR
TY800	800	50	DC—0.2	≤1.25

Attenuators

AZ20 ATTENUATORS

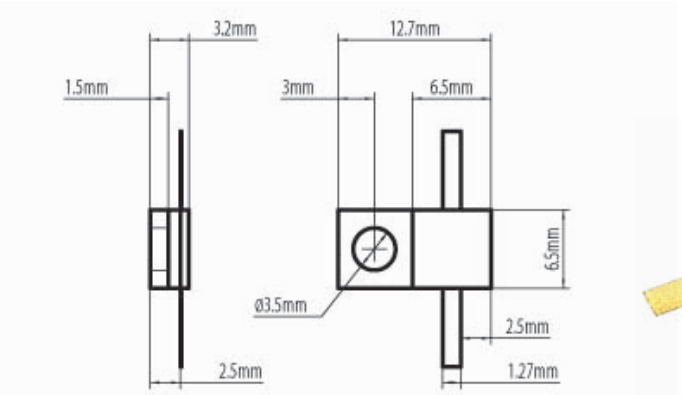


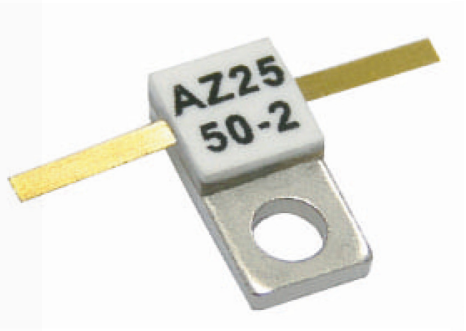


Model	Power(w)	Impedance(Ω)	Frequency(GHz)	VSWR	Attenuation Value(dB)
AZ20	20	50	DC—3.2	≤1.25	1~10 (±0.5) 11~20 (±1)

Attenuators

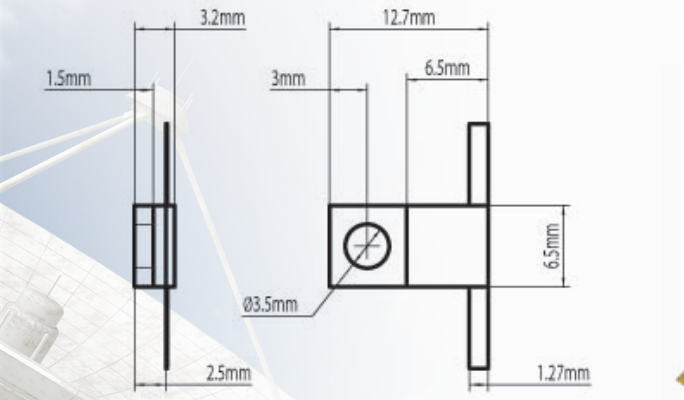
AZ25 ATTENUATORS

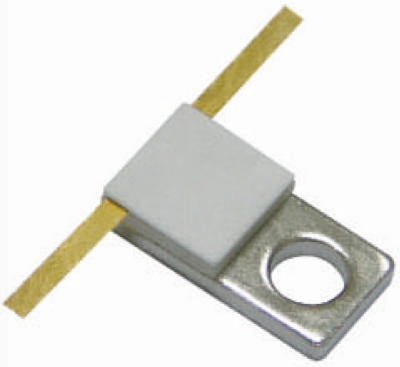




Model	Power(w)	Impedance(Ω)	Frequency(GHz)	VSWR	Attenuation Value(dB)
AZ25	25	50	DC—2.5	≤1.25	1~10 (±0.5) 11~30 (±1)

AW25 ATTENUATORS

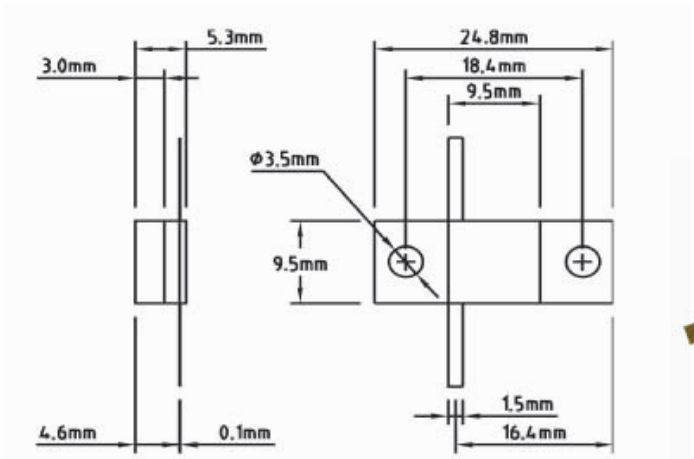


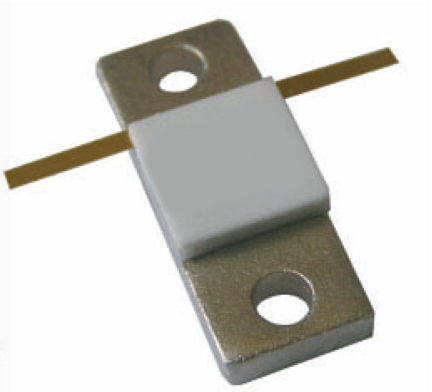


Model	Power(w)	Impedance(Ω)	Frequency(GHz)	VSWR	Attenuation Value(dB)
AW25	25	50	DC—2.5	≤1.25	1~10 (±0.5) 11~30 (±1)

Attenuators

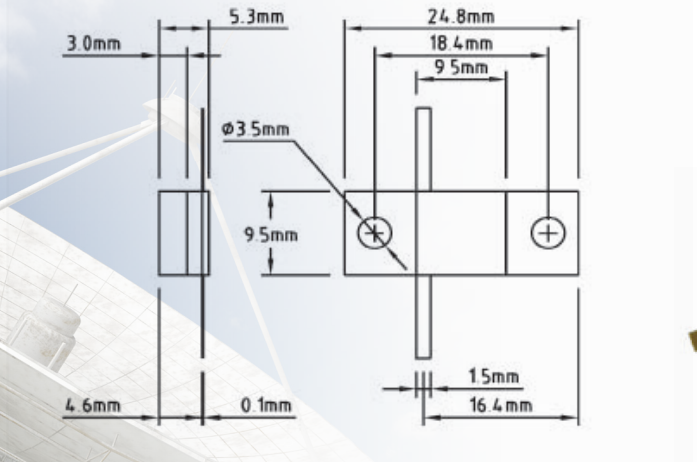
AO50 ATTENUATORS

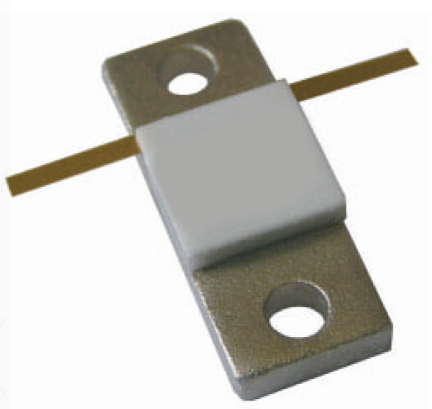




Model	Power(w)	Impedance(Ω)	Frequency(GHz)	VSWR	Attenuation Value(dB)
AO50	50	50	DC—3.2	≤1.25	1~10 (±0.5) 11~20 (±1)

AO75 ATTENUATORS

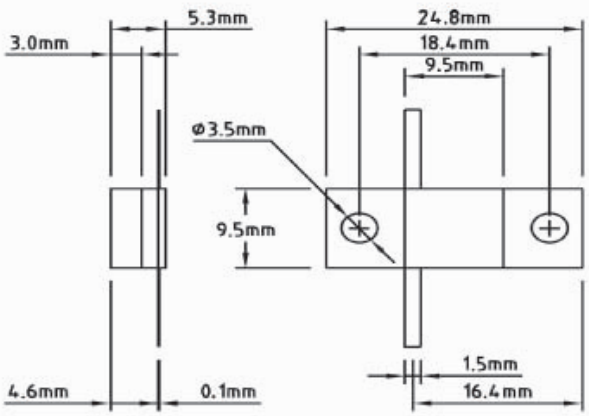




Model	Power(w)	Impedance(Ω)	Frequency(GHz)	VSWR	Attenuation Value(dB)
AO75	75	50	DC—3.2	≤1.25	1~10 (±0.5) 11~30 (±1)

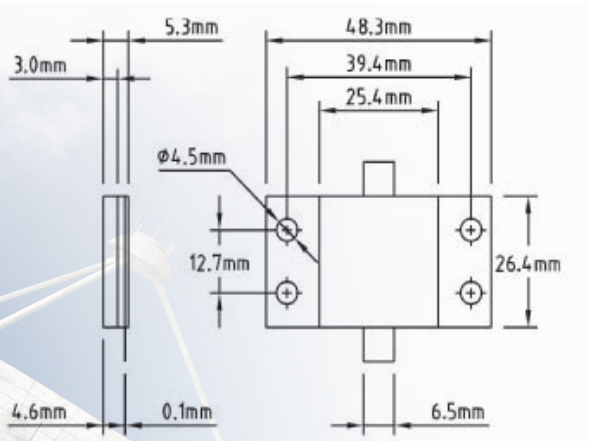
Attenuators

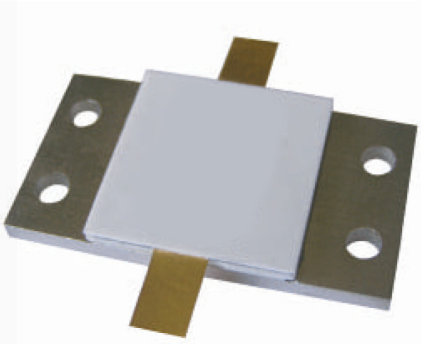
AO150 ATTENUATORS



Model	Power(w)	Impedance(Ω)	Frequency(GHz)	VSWR	Attenuation Value(dB)
AO150	150	50	DC—3.2	≤1.25	1~10 (±0.5) 11~20 (±1)

AW200 ATTENUATORS





Model	Power(w)	Impedance(Ω)	Frequency(GHz)	VSWR	Attenuation Value(dB)
AW200	200	50	DC—0.5	≤1.25	1~10 (±0.5) 11~30 (±1)

All products, product specifications and data are subject to change without notice

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