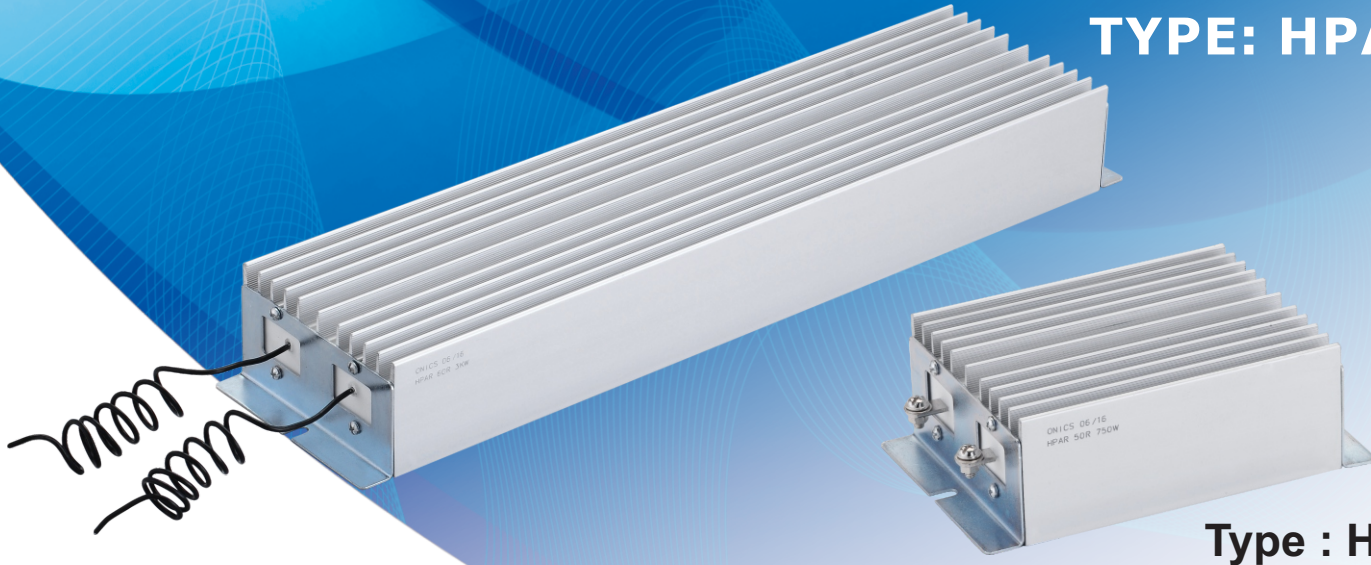


**HIGH POWER
ALUMINIUM
RESISTOR
TYPE: HPAR**

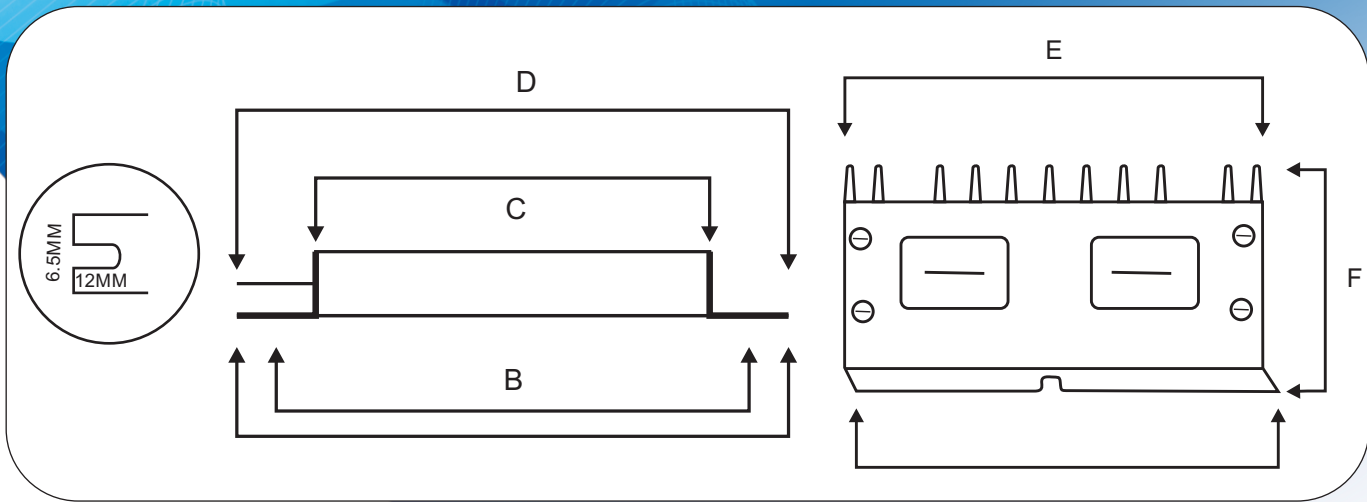


Type : HPAR

FEATURES

- Low Price Small Size.
- High Power and Excellent load life stability
- Excellent short time over load
- Strongly resistant to moisture & solvent.
- Self-extinguish material is used in encapsulation.
- Non-inductive type available.
- High-surge-resistant items are available.
- Wire terminals available. Standard length 300mm longer length upto 1.25 mtrs. can also be supplied.
- Models with thermal switch available.
- Custom built resistors is our speciality.

1. Operating Temp.	-55°C - +275°C
2. Insulation Resistance	>20MΩ MIN
3. Dielectric Strength	AC1500V, 3500V, 5000V for 1 min
4. Temp. Coefficient	50 ppm/°C, 100 ppm/°C, 260 ppm/°C
5. Short Time Over Load	10 X Wattage Rating, 10 sec
6. Moisture resistance	temp 40°C moisture 95% DC100v500h
7. Thermal Shock	Wattage Rating 30min. -25°C, 15min
8. Vibration	10c/c ~ 50 c/s ~ 10 c/s (1min) -2h each of paralleled and right angle.
9. Load Life	Wattage Rating 1.5 h On, 30min off, 1000h
10. Derate to zero	at 275°C



DIMENSIONS (IN mm)							
MODEL	NOMINAL POWER @40 DEGREE C	A	B	C	D	E	F
HPAR1KW	400W	235	223	203	235	115	60
HPAR1.2KW	500W	285	273	253	285	115	60
HPAR1.5KW	570W	335	323	303	335	115	60
HPAR2KW	650W	385	373	353	385	115	60
HPAR2.5KW	750W	485	473	453	485	115	60
HPAR3KW	830W	585	573	553	585	115	60
HPAR3.5KW	920W	635	623	603	635	115	60
HPAR4KW	1000W	685	673	653	685	115	60
HPAR4.5KW	1100W	735	723	703	735	115	60

PN: Nominal power with natural cooling with internal thermal switch 180 degree C
Safe operating temperature is 275 degree C.

ORDERING PROCESS

FOR EXAMPLE:-

ONICS

HPAR 1.5KW 100R K T W3 MM/YY

ONICS – BRAND NAME

HPAR1.5KW – MODEL NUMBER

100R = RESISTANCE VALUE,

K = TOLERANCE 10% , T = THERMAL SWITCH, W3= WIRE TERMINAL 300MM LENGTH, MM/YY = MONTH/YEAR OF MANUFACTURING

Note: -

For 5% tolerance use J instead of K.

For 500mm wire terminal length use W5 instead of W3.

For clip terminal use C instead of W3 or W5.