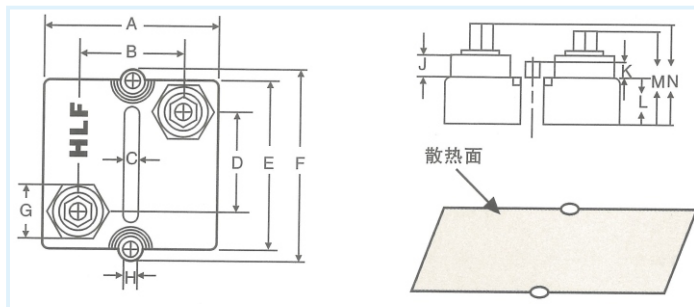


HPK600出口型 / HPK600 Export-oriented

Huntington Electric's HPK600 Series of power resistors are state-of-the-art 600 Watt resistors that are compact and available in various resistance values. Ideal for variable speed drives, power supplies, robotics, and elevator controls or where an application requires advanced packaging in a high dissipation case. Designed to dissipate 600 Watts into panel mounts via a condensed footprint at voltages up to 5000VDC.

外型尺寸图 Outline drawing:



DIMENSION INFORMATION

A	B	C	D	E	F	G	H	I	K	L	M	N
2.362 (60.0)	1.417 (30.0)	0.197 (5.0)	1.339 (34.0)	2.244 (57.0)	2.550 (65.0)	0.709 (18.0)	0.164 (4.2)	0.276 (7.0)	0.197 (5.0)	0.591 (15)	1.181 (30.0)	1.260 (32.0)

ORDER INFORMATION

HPK600-K-100R

TYPE TOLERANCE RESISTANCE
 K=10%, J=5% 100R=100 OHMS

MEDIUM VOLTAGE CHASSIS MOUNT RESISTORS



POWER RATING is based on 600 W at 85°C heat sink temperature. Use of thermal conduction to heat sink is required. Flatness of cooling plate must be better than 0.05mm overall, and the roughness should not exceed 6.4um.

STANDARD RESISTANCES

2-100KR

ENGINEERING SPECIFICATIONS

Operating Temperature	-55 C to 150 C
Temp Coefficient	± 150ppm/°C
Power Rating	600Watts at 85C heat sink
Electric Strength Voltage	6KVAC, 50HZ
Insulation Resistance	10GΩ min @ 500V
Max Working Voltage	5000 VDC
Short Time Overload	1000W @ 70C for 10 seconds
Voltage Impulse	12 KV BIL
Capacitance/Mass	110pF
Parallel Capacitance	40 pF
Inductance	80 nH
Max Mounting Torque	1.8Nm
Max Terminal Torque	2Nm
Creeping Distance	42 mm Minimum
Alt Distance	14 mm Minimum

GENERAL CHARACTERISTICS

- RESISTOR:** Unique designed for low inductance and capacitance values. Stable element covering high wattages and pulsed loadings.
- CASE MATERIAL:** Epoxy filled UL94-VO with large creep distance to mass.
- TERMINALS:** Convenient electrical connection with M4 or M5 screws.
- DIMENSIONS:** 2.24" x 2.25" (56.9 x 64.8mm)