

HVC 系列
SERIES

UPGRADE

角型 低ESL品

Low ESL, Rectangular Type

◆特 长 / FEATURES

- 产业机器、车载逆变器用塑膜电容器（模块型）。
For Industrial equipment and in-vehicle inverter. (Module type)
- 可以直接安装到半导体模块上。
Direct mount on the semiconductor module.
- 低ESL设计，能够控制突波。
Low ESL design.
- 可以按照顾客的要求制作特制品。
Custom design is available.
- 与全定制设计品相比，交货快而且成本低。
Quick delivery and low-cost in comparison with full-custom products.
- RoHS指令对应品。
RoHS compliance.

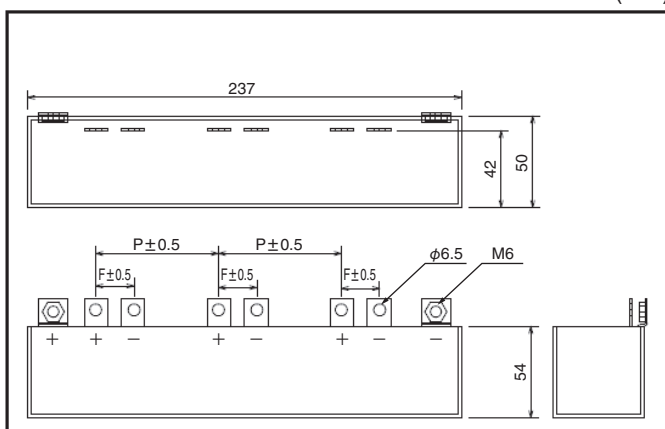


◆规 格 / SPECIFICATIONS

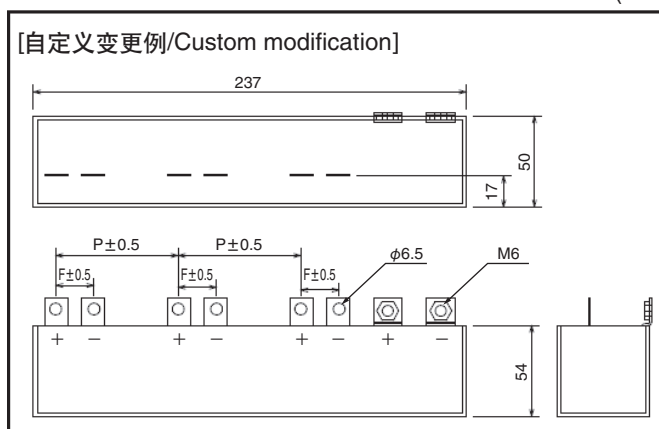
工作温度 / Category Temperature Range	-40°C ~ +105°C
额定电压 / Rated Voltage	450Vdc
静电容量 / Capacitance	500µF (1kHz)
静电容量允许差 / Capacitance Tolerance	±10%(K)
损失角正切值 / tan δ	0.005Max (1KHz 25°C ±5°C)
允许电流/Permissible Current	150Arms (10kHz)
ESL	15nH Max
耐电压 / Voltage Proof	端子间 额定电压x1.5 10秒 Between the terminals : Rated Voltage x 1.5 10s
	端子与外壳之间 2000Vdc 10秒 Between the terminal and case : 2000Vdc 10s
绝缘电阻 / Insulation Resistance	3000 Ω · F (20°C 120s 100Vdc)
外壳 / Case	PPS 树脂 / PPS Resin
填充树脂 / Filling Resin	环氧树脂 / Epoxy Resin
标准规格 / Reference Standard	JIS C 5101-16 IEC 61071

◆形状图 / OUTLINE

(mm)



(mm)



◆产品型号体系 / PART NUMBER

450	HVC	507	K	□□□	L
额定电压 Rated Voltage	系列名称 Series	静电容量 Capacitance	静电容量允许差 Capacitance Tolerance	副记号 Option	端子记号 Terminal code

◆标准品一览表/STANDARD SIZE

型 Type	F 尺寸 F dimension	P 尺寸 P dimension	编 号 Part No.
Type-M	17.0mm	64.5mm	450HVC507KR80L
Type-I	21.0mm	67.1mm	450HVC507KR81L
Type-F	22.0mm	50.0mm	450HVC507KR82L
Type-R	28.0mm	50.0mm	450HVC507KR83L

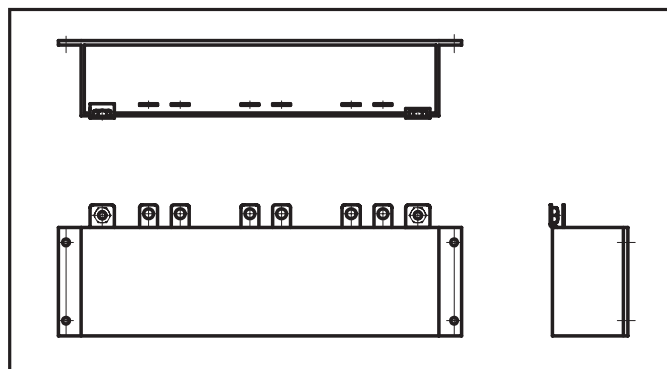
车辆逆变器用途以外的的全定制设计/生产也可对应。从少量样品到批量生产的要求都可满足。详情请咨询我们。
Full custom design / production other than in-vehicle inverter applications is available.
Accommodating requests from a small number of samples to mass production. For details, please consult our sales offices.

[出自全定制的对对应事例 Full custom modifications]

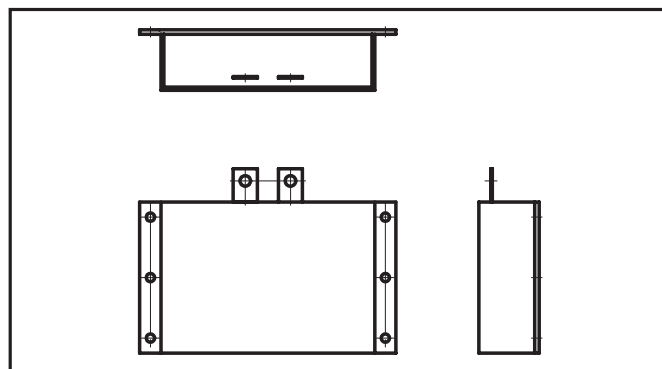
- 仕样的变更
Customize specifications
- 从本体的几个面都可取出输入输出端子
Layout terminals on multiple surface
- 内置放电电阻或Y电容器等电子零部件
Built-in resistance, Y capacitors etc.
- 内置散热器或遮蔽板等多功能零部件
Built-in heatsink, shield plate etc.
- 在外壳上安装固定本体用的装置
Add fixtures for mounting
- 内置热电偶或热敏电阻等测定器
Built-in thermocouple, thermistor etc.
- 设置供安装基板用的台子等的设计零部件
Add stand etc. for the board mounting

◆自定义产品形状例 / CUSTOM OUTLINE EXSAMPLES

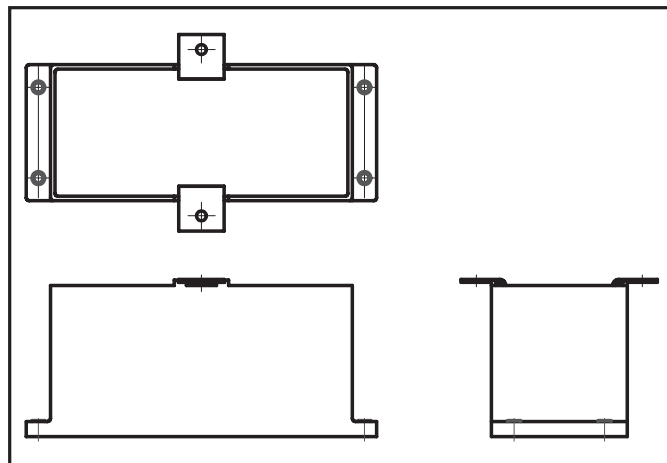
DC连接用/DC link



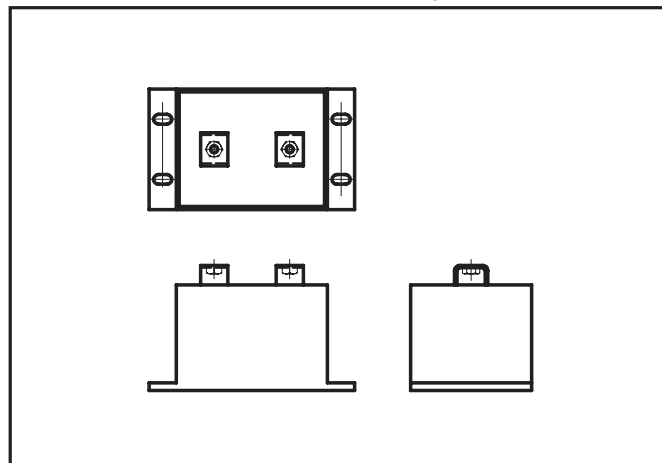
DC连接用/DC link



滤波用/Filter



平滑用/Smoothing



• 其他自定义产品的形状例
Other custom examples

