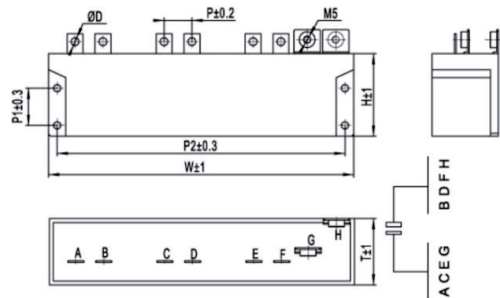


# WDV DC-Link电容器 (车规)

DC-Link Capacitor for EV

## 外形图 Outline Drawing



单位 Unit: mm

## 特点 Features

- 采用特殊结构材料设计，自愈性好，低损耗角，低等效串联电阻，低温升
- 叠式母排引出，低杂散电感，广泛应用于IGBT直联式安装
- 高温高导注塑料灌注，在高温高湿复杂的应用环境下，可长期稳定工作

- Special structure material design, self healing, low loss angle, low equivalent series resistance, low temperature rise
- Stack type bus leads to low inductance, are widely used in the IGBT style, direct mounting
- High temperature and high injection plastic perfusion, can long life work in high temperature and high humidity complex application environment

## 主要用途 Typical Applications

- 针对新能源汽车配套的HEV/EV电驱控制器，为不同功率等级电驱提供解决方案
- 广泛应用于DC-Link电路中，作直流滤波储能用

- Provide solutions for new energy vehicle HEV/EV electric drive controllers of different power levels
- Widely used in DC-Link circuit for filtering energy storage

## 技术要求 Specifications

执行标准 Implemented Standard	IEC 61071 AEC-Q200D
气候等级 Climatic Category	40/105/56
额定电压 Rated Voltage	200V.DC~1200V.DC
容量范围 Capacitance Range	200 $\mu$ F ~ 2000 $\mu$ F
电驱功率范围 Electric Drive Power Range	10kW~160kW
容量偏差 Capacitance Tolerance	$\pm 5\%$ (J), $\pm 10\%$ (K)
极间耐压 Voltage Test Between Terminals	1.5Un (VDC) /10s
极壳耐压 Voltage test between terminals and case	3000V.AC/50Hz, 10s
绝缘电阻 Insulation resistance	$\geq 10000$ s (100V, 1min, 20°C)

## 定制品说明

### Customized Product Description

由于客户实际使用环境的不同，与设计布局的迥异。我们将根据客户提供的信息，最大合理化提供电容器设计方案。所以请务必给我们提供与电容相关的电气特性、机械配合信息，并与我们的设计人员密切保持沟通；我们将在第一时间内为您拟定方案、制作技术规格书。

Because of the actual use of the environment, and the different design layout. According to the information provided by our customers, we will provide the most reasonable design scheme for the capacitor. So please be sure to provide us with the electrical characteristics of the electrical characteristics, machinery with information, and to maintain close communication with our designers; We will draw up a plan for you in the first time, the technical specification.