



供应商名称: 赫威斯电容器制作有限公司

承认书编号:

## 产品承认书

客户名称:

产品名称: 高频高功率陶瓷电容器

客户物料编号:

供方物料编号:

承认书生效日期:        年    月    日

| 制造商 |     | 客户确认                            |  |
|-----|-----|---------------------------------|--|
| 拟制  | 章清  | 合 格 OK <input type="checkbox"/> |  |
|     |     | 不合格 NG <input type="checkbox"/> |  |
| 审核  | 余银龙 | 审核                              |  |
| 批准  | 王 军 | 批准                              |  |

(双方确认承认书合格后必须签字盖章)

供方地址: 深圳市福田区天安数码城天祥大厦A B座9 B 2

联系电话: +86 755 61167757

E-mail: sales@hv-caps.com



|            |      |     |
|------------|------|-----|
|            | 物料编码 |     |
| 高频高功率陶瓷电容器 | 版 本  | 页 数 |
|            | A    | 2   |

目录

| 序号 | 项目      | 页次 |
|----|---------|----|
| 1  | 目录      |    |
| 2  | 产品特性    |    |
| 3  | 应用      |    |
| 4  | 尺寸      |    |
| 5  | 规格      |    |
| 6  | 标识,     |    |
| 7  | 规格及试验方法 |    |
| 8  | 使用警告    |    |
|    |         |    |
|    |         |    |
|    |         |    |
|    |         |    |
|    |         |    |
|    |         |    |

|            |      |     |
|------------|------|-----|
|            | 物料编码 |     |
| 高频高功率陶瓷电容器 | 版 本  | 页 数 |
|            | A    | 3   |

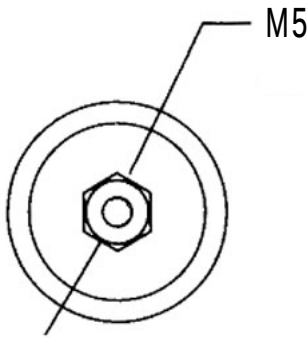
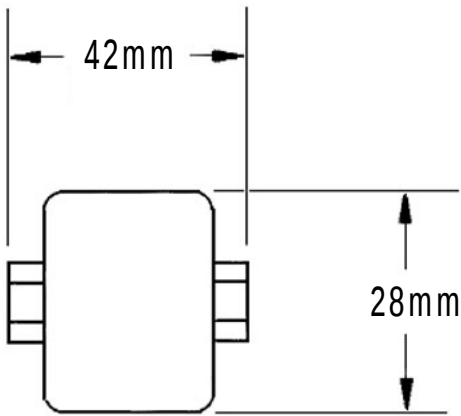
■ 应用

- 无线电通信
- 广播电视发射机
- 雷达工程
- 宇航卫星
- 医疗器械

■ 容量范围

10pF to 500pF

■ 尺寸图



|            |      |     |
|------------|------|-----|
|            | 物料编码 |     |
| 高频高功率陶瓷电容器 | 版 本  | 页 数 |
|            | A    | 4   |

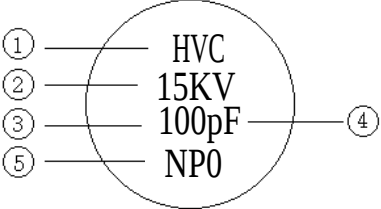
■ 规格

D=Diameter, H=Height, L=Length, M=Metric

|                  |                 |                  |                   |                     |
|------------------|-----------------|------------------|-------------------|---------------------|
| <u>HVC</u><br>品牌 | <u>HF</u><br>类别 | <u>B</u><br>尺寸类别 | <u>50P</u><br>电容量 | <u>15kV</u><br>额定电压 |
|------------------|-----------------|------------------|-------------------|---------------------|

| 序号 | 电容量<br>(pF) |         | 温度系数<br>组别 | 直流电压<br>(KV_) |    | 尺寸    |    |       |
|----|-------------|---------|------------|---------------|----|-------|----|-------|
|    | 标称值         | 允许偏差    |            | 额定            | 测试 | D±0.5 | M  | H±1.0 |
|    |             |         |            |               |    | mm    |    |       |
| 1  | 10          | K（±10%） | NPO        | 15            | 22 | 28    | M5 | 42    |
| 2  | 25          |         | NPO        |               |    |       |    |       |
| 3  | 50          |         | NPO        |               |    |       |    |       |

■ 标识方法

|                                                                                     |        |
|-------------------------------------------------------------------------------------|--------|
|  | ① 厂家标志 |
|                                                                                     | ② 温度特性 |
|                                                                                     | ③ 标称容量 |
|                                                                                     | ④ 容量偏差 |
|                                                                                     | ⑤ 额定电压 |

|                      |                       |               |
|----------------------|-----------------------|---------------|
|                      | 物料编码                  |               |
| 高频高功率陶瓷电容器           | 版 本                   | 页 数           |
|                      | A                     | 5             |
| ■ 规格及试验方法            |                       |               |
| 测试项目                 | 测试要求                  | 测试条件          |
| 电 容 量                | 标称值×（1±10%）           | 1MHz, 测试电压：1V |
| tgδ×10 <sup>-4</sup> | <10                   | 1MHz, 测试电压：1V |
| 绝缘电阻 Ri              | >1×10 <sup>10</sup> Ω | DC500V/1 分钟   |
| 测试电压                 | 无飞弧和击穿                | 直流测试电压/1 分钟   |
| 工作温度范围               | -25℃~+85℃             |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |
|                      |                       |               |

HEC’ s HT50 HT57 系列以及 Vishay 的 TOS 030033 和 TOS 020016 系列是世界上主要的 RF power Barrel 生产商。 此类电容是 RF POWER CAPACITOR 的其中一个主要分类。以鼓型的外观著称，广泛应用在广播天线发射，高频加热，射频电源，医疗设备，雷达等等高端应用中。

由于 COVID19 导致欧美供应商的断裂问题，许多工业品的欧美厂家包括 High Energy Capacitor (HEC) 和 Vishay -Draloric 相继停工。导致市场上的客户急切寻找可以替代的 HEC 和 Vishay 的 RF power barrel capacitors, HVC 电容公司的 HVCHF 系列高频高功率电容，可以作为良好的替代方案。

此类高频陶瓷电容在中国的生产历史可以追溯到 70 年前苏联援助项目，东德支持中国建设视频电容的生产线，经过几十年的改进，中国粉料供应商发展出 NPO, N750, N4700, Y5T, X5U 等等一类和二类陶瓷粉料。HVC 采用以上陶瓷粉料生产的高压视频电容已经享誉全球。主要特点为低损耗，高可靠性，和高额定电压。HVC 高功率视频电容主要市场为射频电源，介质发热，医疗宝石冶炼，和雷达通讯。

以下为 HVC 的 HVCHF 系列完整替代 HEC 的高频高功率鼓型 RF power barrel capacitors，包括 HT50, HT57, HH57, HT58, HT59 系列，和 Vishay Draloric 的 5FAE, 7FAA, TOS 0300033, TOS 020016 系列，HVC 提供的电容小为直径 20mm，30mm，58mm 以下为详细的对照列表。

| HEC / Vishay Series | HEC Part Number | HVC Alternative Part Number | Capacitance | Dielectric | VMAX(DC) | Diameter(mm) |
|---------------------|-----------------|-----------------------------|-------------|------------|----------|--------------|
| HEC HT50            | HT50V100KA      | HVCHF-A-10P-7.5KV           | 10 pF       | NPO        | 7.5 kV   | 20           |
| HEC HT50            | HT50V150KA      | HVCHF-A-15P-7.5KV           | 15 pF       | NPO        | 7.5 kV   | 20           |
| HEC HT50            | HT50V250KA      | HVCHF-A-25P-7.5KV           | 25 pF       | NPO        | 7.5 kV   | 20           |
| HEC HT50            | HT50V300KA      | HVCHF-A-30P-7.5KV           | 30 pF       | NPO        | 7.5 kV   | 20           |
| HEC HT50            | HT50V350KA      | HVCHF-A-35P-7.5KV           | 35 pF       | NPO        | 7.5 kV   | 20           |
| HEC HT50            | HT50V400KA      | HVCHF-A-40P-7.5KV           | 40 pF       | NPO        | 7.5 kV   | 20           |
| HEC HT50            | HT50V450KA      | HVCHF-A-45P-7.5KV           | 45 pF       | NPO        | 7.5 kV   | 20           |
| HEC HT50            | HT50V500KA      | HVCHF-A-50P-7.5KV           | 50 pF       | NPO        | 7.5 kV   | 20           |
| HEC HT50            | HT50V550KA      | HVCHF-A-55P-7.5KV           | 55 pF       | NPO        | 7.5 kV   | 20           |
| HEC HT50            | HT50V600KA      | HVCHF-A-60P-7.5KV           | 60 pF       | NPO        | 7.5 kV   | 20           |
| HEC HT50            | HT50V650KA      | HVCHF-A-65P-7.5KV           | 65 pF       | NPO        | 7.5 kV   | 20           |
| HEC HT50            | HT50V750KA      | HVCHF-A-75P-7.5KV           | 75 pF       | N750       | 7.5 kV   | 20           |
| HEC HT50            | HT50V101KA      | HVCHF-A-101-7.5KV           | 100 pF      | N750       | 7.5 kV   | 20           |
| HEC HT50            | HT50V151KA      | HVCHF-A-151-7.5KV           | 150 pF      | N750       | 7.5 kV   | 20           |
| HEC HT50            | HT50V171KA      | HVCHF-A-171-7.5KV           | 170 pF      | N750       | 7.5 kV   | 20           |
| HEC HT50            | HT50V201KA      | HVCHF-A-201-7.5KV           | 200 pF      | N4700      | 7.5 kV   | 20           |
| HEC HT50            | HT50V301KA      | HVCHF-A-301-7.5KV           | 300 pF      | N4700      | 7.5 kV   | 20           |
| HEC HT50            | HT50V401KA      | HVCHF-A-401-7.5KV           | 400 pF      | N4700      | 7.5 kV   | 20           |
| HEC HT50            | HT50V501KA      | HVCHF-A-501-7.5KV           | 500 pF      | N4700      | 7.5 kV   | 20           |
| HEC HT50            | HT50V601KA      | HVCHF-A-601-7.5KV           | 600 pF      | N4700      | 7.5 kV   | 20           |
| HEC HT50            | HT50V701KA      | HVCHF-A-701-7.5KV           | 700 pF      | N4700      | 7.5 kV   | 20           |
|                     |                 |                             |             |            |          |              |

|          |            |                      |         |       |        |    |
|----------|------------|----------------------|---------|-------|--------|----|
| HEC HT58 | HT58V400KA | HVCHF-A-UJ-40P-7.5KV | 40 pF   | N750  | 7.5 kV | 20 |
| HEC HT58 | HT58V500KA | HVCHF-A-UJ-50P-7.5KV | 50 pF   | N750  | 7.5 kV | 20 |
| HEC HT58 | HT58V600KA | HVCHF-A-UJ-60P-7.5KV | 60 pF   | N750  | 7.5 kV | 20 |
| HEC HT58 | HT58V650KA | HVCHF-A-UJ-65P-7.5KV | 65 pF   | N750  | 7.5 kV | 20 |
|          |            |                      |         |       |        |    |
| HEC HT57 | HT57Y100KA | HVCHF-B-10P-15KV     | 10 pF   | NP0   | 15 kV  | 30 |
| HEC HT57 | HT57Y250KA | HVCHF-B-25P-15KV     | 25 pF   | NP0   | 15 kV  | 30 |
| HEC HT57 | HT57Y500KA | HVCHF-B-50P-15KV     | 50 pF   | NP0   | 15 kV  | 30 |
| HEC HT57 | HT57Y600KA | HVCHF-B-60P-15KV     | 60 pF   | NP0   | 15 kV  | 30 |
| HEC HT57 | HT57Y750KA | HVCHF-B-75P-15KV     | 75 pF   | N750  | 15 kV  | 30 |
| HEC HT57 | HT57Y101KA | HVCHF-B-101-15KV     | 100 pF  | N750  | 15 kV  | 30 |
| HEC HT57 | HT57Y151KA | HVCHF-B-151-15KV     | 150 pF  | N750  | 15 kV  | 30 |
| HEC HT57 | HT57Y201KA | HVCHF-B-201-15KV     | 200 pF  | N750  | 15 kV  | 30 |
| HEC HT57 | HT57Y251KA | HVCHF-B-251-15KV     | 250 pF  | N4700 | 15 kV  | 30 |
| HEC HT57 | HT57Y301KA | HVCHF-B-301-15KV     | 300 pF  | N4700 | 15 kV  | 30 |
| HEC HT57 | HT57Y401KA | HVCHF-B-401-15KV     | 400 pF  | N4700 | 15 kV  | 30 |
| HEC HT57 | HT57Y501KA | HVCHF-B-501-15KV     | 500 pF  | N4700 | 15 kV  | 30 |
|          |            |                      |         |       |        |    |
| HEC HT59 | HT594500MA | HVCHF-C-50P-25KV     | 50 pF   | NP0   | 25 kV  | 58 |
| HEC HT59 | HT594750MA | HVCHF-C-75P-25KV     | 75 pF   | NP0   | 25 kV  | 58 |
| HEC HT59 | HT594101MA | HVCHF-C-101-25KV     | 100 pF  | NP0   | 25 kV  | 58 |
| HEC HT59 | HT594131MA | HVCHF-C-131-25KV     | 130 pF  | NP0   | 25 kV  | 58 |
| HEC HT59 | HT594151MA | HVCHF-C-151-25KV     | 150 pF  | N750  | 25 kV  | 58 |
| HEC HT59 | HT594201MA | HVCHF-C-201-25KV     | 200 pF  | N750  | 25 kV  | 58 |
| HEC HT59 | HT594251MA | HVCHF-C-251-25KV     | 250 pF  | N750  | 25 kV  | 58 |
| HEC HT59 | HT594301MA | HVCHF-C-301-25KV     | 300 pF  | N4700 | 25 kV  | 58 |
| HEC HT59 | HT594501MA | HVCHF-C-501-25KV     | 500 pF  | N4700 | 25 kV  | 58 |
| HEC HT59 | HT594701MA | HVCHF-C-701-25KV     | 700 pF  | N4700 | 25 kV  | 58 |
| HEC HT59 | HT594801MA | HVCHF-C-801-25KV     | 800 pF  | N4700 | 25 kV  | 58 |
| HEC HT59 | HT594102MA | HVCHF-C-102-25KV     | 1000 pF | N4700 | 25 kV  | 58 |
| HEC HT59 | HT594152MA | HVCHF-C-152-25KV     | 1500 pF | N4700 | 25 kV  | 58 |
|          |            |                      |         |       |        |    |
| HEC HT58 | HH58V501KA | HVCHF-A-DL-501-7.5KV | 500 pF  | N4700 | 7.5 kV | 20 |
| HEC HT58 | HH58V701KA | HVCHF-A-DL-701-7.5KV | 700 pF  | N4700 | 7.5 kV | 20 |
| HEC HT58 | HH58V901KA | HVCHF-A-DL-901-7.5KV | 900 pF  | N4700 | 7.5 kV | 20 |
| HEC HT58 | HH58V102KA | HVCHF-A-E-102-7.5KV  | 1000 pF | Y5U   | 7.5 kV | 20 |
| HEC HT58 | HH58V202KA | HVCHF-A-E-202-7.5KV  | 2000 pF | Y5U   | 7.5 kV | 20 |
| HEC HT58 | HH58V252KA | HVCHF-A-E-252-7.5KV  | 2500 pF | Y5U   | 7.5 kV | 20 |
|          |            |                      |         |       |        |    |
| HEC HH57 | HH57Y751KA | HVCHF-B-DL-751-15KV  | 750 pF  | N4700 | 15 kV  | 30 |
| HEC HH57 | HH57Y102KA | HVCHF-B-DL-102-15KV  | 1000 pF | N4700 | 15 kV  | 30 |
| HEC HH57 | HH57Y122KA | HVCHF-B-2E2-122-15KV | 1200 pF | 2E2   | 15 kV  | 30 |

|                   |                    |                          |         |       |        |    |
|-------------------|--------------------|--------------------------|---------|-------|--------|----|
| HEC HH57          | HH57Y152KA         | HVCHF-B-2E2-152-15KV     | 1500 pF | 2E2   | 15 kV  | 30 |
|                   |                    |                          |         |       |        |    |
| Vishay 7FAA       | 7FAA100K           | HVCHF-A-NP0-10P-7.5KV    | 10 pF   | NP0   | 7.5 kV | 20 |
| Vishay 7FAA       | 7FAA200K           | HVCHF-A-NP0-20P-7.5KV    | 20 pF   | NP0   | 7.5 kV | 20 |
| Vishay 7FAA       | 7FAA250K           | HVCHF-A-NP0-25P-7.5KV    | 25 pF   | NP0   | 7.5 kV | 20 |
| Vishay 7FAA       | 7FAA300K           | HVCHF-A-NP0-30P-7.5KV    | 30 pF   | NP0   | 7.5 kV | 20 |
| Vishay 7FAA       | 7FAA500K           | HVCHF-A-NP0-50P-7.5KV    | 50 pF   | NP0   | 7.5 kV | 20 |
| Vishay 7FAU       | 7FAU750K           | HVCHF-A-N750-75P-7.5KV   | 75 pF   | N750  | 7.5 kV | 20 |
| Vishay 7FAU       | 7FAU101K           | HVCHF-A-N750-101-7.5KV   | 100 pF  | N750  | 7.5 kV | 20 |
|                   |                    |                          |         |       |        |    |
| Vishay 5FAE       | 5FAE501M           | HVCHF-A-E-501-5KV        | 500 pF  | Y5U   | 5 kV   | 20 |
| Vishay 5FAE       | 5FAE801M           | HVCHF-A-E-801-5KV        | 800 pF  | Y5U   | 5 kV   | 20 |
| Vishay 5FAE       | 5FAE102M           | HVCHF-A-E-102-5KV        | 1000 pF | Y5U   | 5 kV   | 20 |
|                   |                    |                          |         |       |        |    |
| Vishay TOS 030033 | BS030033BJ10036AC1 | HVCHF-B-NP0-10P-15KV     | 10 pF   | NP0   | 15 kV  | 30 |
| Vishay TOS 030033 | BS030033BJ25036AC1 | HVCHF-B-NP0-25P-15KV     | 25 pF   | NP0   | 15 kV  | 30 |
| Vishay TOS 030033 | BS030033BJ50036AC1 | HVCHF-B-NP0-50P-15KV     | 50 pF   | NP0   | 15 kV  | 30 |
| Vishay TOS 030033 | BS030033BJ75036AL1 | HVCHF-B-N750-75P-15KV    | 75 pF   | N750  | 15 kV  | 30 |
| Vishay TOS 030033 | BS030033BJ10136AL1 | HVCHF-B-N750-101-15KV    | 100 pF  | N750  | 15 kV  | 30 |
| Vishay TOS 030033 | BS030033BJ15136AL1 | HVCHF-B-N750-151-15KV    | 150 pF  | N750  | 15 kV  | 30 |
| Vishay TOS 030033 | BS030033BJ20136AL1 | HVCHF-B-N750-201-15KV    | 200 pF  | N750  | 15 kV  | 30 |
| Vishay TOS 030033 | BS030033BJ30136AQ1 | HVCHF-B-N4700-301-15KV   | 300 pF  | N4700 | 15 kV  | 30 |
| Vishay TOS 030033 | BS030033BJ40136AQ1 | HVCHF-B-N4700-401-15KV   | 400 pF  | N4700 | 15 kV  | 30 |
| Vishay TOS 030033 | BS030033BJ50136AQ1 | HVCHF-B-N4700-501-15KV   | 500 pF  | N4700 | 15 kV  | 30 |
| Vishay TOS 030033 | BS030033BJ75138AV1 | HVCHF-B-N4700-751-15KV   | 750 pF  | N4700 | 15 kV  | 30 |
| Vishay TOS 030033 | BS030033BJ10238AV1 | HVCHF-B-N4700-102-15KV   | 1000 pF | N4700 | 15 kV  | 30 |
| Vishay TOS 030033 | BS030033BJ12238AV1 | HVCHF-B-N4700-122-15KV   | 1200 pF | N4700 | 15 kV  | 30 |
| Vishay TOS 030033 | BS030033BJ15238AV1 | HVCHF-B-N4700-152-15KV   | 1500 pF | N4700 | 15 kV  | 30 |
|                   |                    |                          |         |       |        |    |
| Vishay TOS 020016 | BS020016VZ10036AC1 | HVCHF-B1-NP0-10P-7.5KV   | 10 pF   | NP0   | 7.5 kV | 21 |
| Vishay TOS 020016 | BS020016VZ15036AC1 | HVCHF-B1-NP0-15P-7.5KV   | 15 pF   | NP0   | 7.5 kV | 21 |
| Vishay TOS 020016 | BS020016VZ25036AC1 | HVCHF-B1-NP0-25P-7.5KV   | 25 pF   | NP0   | 7.5 kV | 21 |
| Vishay TOS 020016 | BS020016VZ30036AC1 | HVCHF-B1-NP0-30P-7.5KV   | 30 pF   | NP0   | 7.5 kV | 21 |
| Vishay TOS 020016 | BS020016VZ40036AC1 | HVCHF-B1-NP0-40P-7.5KV   | 40 pF   | NP0   | 7.5 kV | 21 |
| Vishay TOS 020016 | BS020016VZ50036AC1 | HVCHF-B1-NP0-50P-7.5KV   | 50 pF   | NP0   | 7.5 kV | 21 |
| Vishay TOS 020016 | BS020016VZ75036AL1 | HVCHF-B1-N750-75P-7.5KV  | 75 pF   | N750  | 7.5 kV | 21 |
| Vishay TOS 020016 | BS020016VZ10136AL1 | HVCHF-B1-N750-101-7.5KV  | 100 pF  | N750  | 7.5 kV | 21 |
| Vishay TOS 020016 | BS020016VZ15136AS1 | HVCHF-B1-N4700-151-7.5KV | 150 pF  | N4700 | 7.5 kV | 21 |
| Vishay TOS 020016 | BS020016VZ20136AS1 | HVCHF-B1-N4700-201-7.5KV | 200 pF  | N4700 | 7.5 kV | 21 |
| Vishay TOS 020016 | BS020016VZ30136AS1 | HVCHF-B1-N4700-301-7.5KV | 300 pF  | N4700 | 7.5 kV | 21 |
| Vishay TOS 020016 | BS020016VZ40138AT1 | HVCHF-B1-N4700-401-7.5KV | 400 pF  | N4700 | 7.5 kV | 21 |
| Vishay TOS 020016 | BS020016VZ50138AT1 | HVCHF-B1-N4700-501-7.5KV | 500 pF  | N4700 | 7.5 kV | 21 |

|                   |                    |                          |         |       |        |    |
|-------------------|--------------------|--------------------------|---------|-------|--------|----|
| Vishay TOS 020016 | BS020016VZ60138AU1 | HVCHF-B1-N4700-601-7.5KV | 600 pF  | N4700 | 7.5 kV | 21 |
| Vishay TOS 020016 | BS020016VZ80138AU1 | HVCHF-B1-N4700-801-7.5KV | 800 pF  | N4700 | 7.5 kV | 21 |
| Vishay TOS 020016 | BS020016VZ10238AV1 | HVCHF-B1-N4700-102-7.5KV | 1000 pF | N4700 | 7.5 kV | 21 |
| Vishay TOS 020016 | BS020016VZ15238AV1 | HVCHF-B1-N4700-152-7.5KV | 1500 pF | N4700 | 7.5 kV | 21 |
| Vishay TOS 020016 | BS020016VZ20238BA1 | HVCHF-B1-E-202-7.5KV     | 2000 pF | Y5U   | 7.5 kV | 21 |
| Vishay TOS 020016 | BS020016VZ25238BA1 | HVCHF-B1-E-252-7.5KV     | 2500 pF | Y5U   | 7.5 kV | 21 |



## HVC CAPACITOR MANUFACTURING CO., LTD 赫威斯电容器制作有限公司

### 公司简介

赫威斯电容器（HVC Capacitor）制作有限公司为港资企业，成立于 2012 年 1 月，为拥有 20 多年生产高压陶瓷产品台系厂商成立的出口运营品牌，生产基地位于东莞虎门，产品 95% 出口。

赫威斯电容器专业生产高压陶瓷电容，蓝色陶瓷片型和螺栓型陶瓷电容，其中陶瓷片电容电压做到 2KV 到 50KV，拥有独特专利的 N4700 军工级别陶瓷介电材质（N4700 材质 6KV 到 40KV），主要应用在高端医疗电子设备，如 CT，医疗 X 光机，C 型臂，DR 机，牙医 X 光机，机场安检，无损检测，静电除尘设备等等。螺栓型陶瓷片电容主打 N4700 材质，电压范围 10KV 到 150KV，外形为黑色环氧树脂包封。主要客户为通用电气，柯尼卡美能达，日立 ABB，尼康，西门子，美国强生，美国贝克休斯等知名 500 强企业和众多纳斯达克上市医疗设备公司。

用中国产军工级别材质生产达到外国高端工业水准的电子零件，是赫威斯公司的经营方针和一贯追求。2017 年起至今，美日欧品牌如日本村田，美国 AVX，美国威世纷纷由于商业考量和疫情原因退出市场造成供需缺口，赫威斯电容很好地承接了国际高压设备客户的需求。2018 年起赫威斯公司采用收购和合作方式，建立高压电容相搭配的高压二极管和高压厚膜电阻产品线，也逐渐获得高压设备客户的认可。

赫威斯公司现有国外代理商伙伴分布在德国、法国、英国、美国、日本、韩国、印度、俄罗斯。为应对中国市场外资工厂的需求，也设立了中国代理商，国内外代理商主要由赫威斯公司指派跟进当地重点客户。我司的目标是成为高压电子零件行业知名的新兴品牌。

HVC Capacitor is HongKong owned manufacturing company, with over 20 years production experience in high voltage ceramic capacitors field. Our plant located in Dongguan City, Southern China. Currently, 95% of HVC product are exported, HVC capacitor also has significant present in domestic market.

HVC Capacitor specializes in producing both lead type ceramic disc capacitors (blue color) and screw terminal type ceramic capacitors (black resin). For ceramic disc type available voltage from 2KV to 50KV (patent N4700 material) Typical applications including Medical X-ray machines, C-arm, DR (digital radiography), Dental X-ray, Security scanner, NDT (Industrial Non-destructive testing), electrostatic precipitator, and negative ion machines etc. For screw terminal caps, HVC Capacitor also using N4700 ceramic dielectric, available voltage ranging from 10KV to 150KV. Key customers include GE Healthcare (General Electric), Konica Minolta, Hitachi ABB, Nikon, Siemens, Johnson & Johnson, Baker Hughes, and other Fortune 500 companies. HVC Capacitor's screw terminal products has approved by numbers of NASDAQ-listed medial machine companies.

HVC using Chinese military-grade ceramic dielectric to build capacitor, to meet foreign high end industrial quality demands. Since 2017, HVC Capacitor has successfully replaced Japanese Murata and American Vishay and AVX, who facing obsoleted and supplement and costing problem. HVC Capacitor also builds own brand high voltage diodes (HVD series) and high voltage thick film resistors (HVR series) to meet customer complementary requirements. HV diodes matching up with high voltage ceramic capacitor to build up voltage multiplier circuit, which is essential for high voltage power supply. HVC's HVD series diode has already been approved by important European, USA, and Japanese end user.

HVC Capacitor has established an international distribution channel in advance industrial countries, such as Germany, France, U.K., U.S.A, Japan, Korea, India, and Russia. In U.S. market, HVC cooperates with global top electronic component distributors like AVNET, Digi-Key, Bisco Industries, IBS electronics. HVC also signed up two Chinese domestic distributors to handle requirement from local EMS/OEM.

HVC Capacitor strive to be well-known emerging brand in high voltage component industry.



## HVC CAPACITOR MANUFACTURING CO., LTD 赫威斯电容器制作有限公司

### INTERNATIONAL DISTRIBUTION



#### CHINA

SUZHOU SUNLIT ELECTRONIC CO.,LTD

苏州工业园区通园路398号海逸大厦A401

TEL: (+86)-512-6288-4061

FAX: (+86)-512-6288-4062

CONTACT: Mr. David Liu

EMAIL: [Dsq@sz-sunlit.com](mailto:Dsq@sz-sunlit.com)



#### KOREA

BLUE & GREEN TRADING CO.,LTD.

Room#A-512B Woolim Lion's Valley

371-28 Gasan-dong, Gumchun-gu, Seoul, Korea

TEL: (+82) 2 2026 4440

FAX: (+82) 2 2026 4443

CONTACT: Ms. Chang Mee

EMAIL: [chang@BlueAndGreen.co.kr](mailto:chang@BlueAndGreen.co.kr)



#### GERMANY

AMEC GmbH

Langer Acker 32,

30900 Wedemark, Germany

TEL: (+49) (5130) 58642-22

FAX: (+49) (5130) 58642-10

CONTACT: Mr. Marcel Fehrmann

EMAIL: [Marcel.Fehrmann@amec-gmbh.de](mailto:Marcel.Fehrmann@amec-gmbh.de)

MIRA KONDENSATOREN GmbH

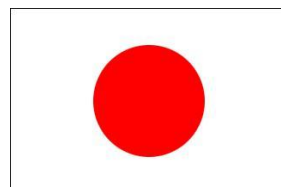
Weilemer Weg 35, 71155 Altdorf, Germany

TEL: (+49) (0) 70 31 – 70 29 91 – 9

FAX: (+49) (0) 70 31 – 70 29 91 – 5

CONTACT: Ms. Andrea Fonas / Mr. Thomas Gampe

EMAIL: [a.fonas@mira-kondensatoren.de](mailto:a.fonas@mira-kondensatoren.de)



#### JAPAN

名古屋理研電具株式会社

愛知県名古屋市昭和区檀溪通1-20

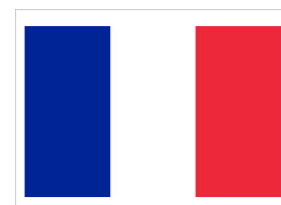
〒466-0842

TEL: (+81) 052-833-1248

FAX: (+81) 052-833-2640

連絡先: Mr. 古田

EMAIL: [furuta@nagoya-riken.co.jp](mailto:furuta@nagoya-riken.co.jp)



#### ETRONICS

8, rue Temara B.P. 80875

78100 Saint Germain en Laye, France

TEL : (+33) 01.39.10.29.00

MOB: (+33) 06.42.20.44.43

CONTACT: Mr. Hampton RUCKLI

EMAIL: [hampton.ruckli@etronics.fr](mailto:hampton.ruckli@etronics.fr)



#### UK

ASHLEA COMPONENTS LTD.

Technology House Unit 24a, Shrivenham

Hundred Business Park

Watchfield Swindon SN6 8TZ, UK.

TEL: (+44)(0)1793 786027

FAX: (+44)(0)1793 783646

CONTACT: Ms. Emma Packford-Garrett

EMAIL: [Emma.Packford-Garrett@ashlea.co.uk](mailto:Emma.Packford-Garrett@ashlea.co.uk)



#### U.S.A

BISCO INDUSTRIES

1328 Blue Oaks Blvd Ste 120 Roseville,

CA 95678, U.S.A

TEL: (+1)-916-773-1634

FAX: (+1)-714-876-2493

CONTACT: Mr. Tom Allan

EMAIL: [tallan@biscoind.com](mailto:tallan@biscoind.com)

IBS ELECTRONIC, INC

3506D West Lake Center Drive

Santa Ana, CA 92704

United States

Tel: (+1)-800-717-6475

Fax: (+1)-800-824-7668

CONTACT: Sales Team

EMAIL: [simon@ibselectronics.com](mailto:simon@ibselectronics.com)