**一、松下Panasonic**

EEFSX0D331EY

EEFSX0D331XE

EEFSX0D331ER

EEFST0D331R

EEFSX0D221ER

EEFSX0D471ER

EEFCT1C470R

EEFCX0J221YR

EEFCX0J221R

16TQC33MYFB

6TPE150MAZB

6TPU47MSI

主推型号

SP

Pos

耐压2V，用在CPU周边，解决压电效应

用在电源端，解决压电效应

电容（主要用在笔记本）

耐压6.3V，用在USB口，解决压电效应

VIVO客户，电源端储能滤波

主推型号

**CR-2050**

**CR-2450**

**CR-1632**

TPMS行业主推

BMS行业主推

锂电池

**BR-1632A**

**BR-1225A**

**CR-123A**

**CR-2/3AZ**

消防探头行业主推

电池

T-BOX行业主推

**BK60AAAW**

**BK120AAW**

镍氢电池

LC-P系列

（具体的电压、容量、电流根据客户要求）

铅酸蓄电池

**Panasonic**

基站、大型设备备电行业主推

主推型号

EXCX4CE900U

EXC14CE900U

EXC14CS900U

EXC14CT900U

EXC14CG350U

EXC14CH350U

EXC18CS900U

EXC24CE900U

EXC24CH900U

抑制EMI干扰

滤波器

主推型号

ERTJZEG103FA

ERTJZER104F

ERTJZEP473J

ERTJ0EG103FA

ERTJ0ER104F

ERTJ0EP473J

用于温度检测，以及温度补偿比

热敏电阻

ERJ6CWFR010V

ERJ6CWDR010V

ERJ6LWFR005V

ERJ3LWFR010V

电流采样和对电压采样

采样电阻

ERA2YEB3920X

ERA2YEB302X

ERA2YEB1960X

ERA2YEB1821X

ERA2YEB132X

ERA2AKD430X

ERA2AKD330X

ERA2AKD100X

ERA2AED821X

ERA2AED392X

ERA2AED272X

ERA2AED202X

ERA2AED161X

ERA2AED121X

ERA2AED101X

ERA2AEB8450X

ERA2AEB821X

ERA2AEB820X

ERA2AEB561X

ERA2AEB470X

ERA2AEB301X

ERA2AEB271X

ERA2AEB222X

ERA2AEB162X

ERA2AEB152X

ERA2AEB1211X

ERA2AEB101X

电阻

HIFI电阻

**备注**：

* 松下电容：目前主推笔记本、手机客户，其中SP是电导性聚合物铝电解电容，Pos是高分子聚合物电容。
* 松下电池分为：

**1.锂电池**——》TPMS（胎压监测）、BMS（电池管理系统）、消防探头（独立式探头）

**2.镍氢电池**——》汽车、工业设备的小型后备电池；

**3.铅酸蓄电池**——》大型设备的后备电池；

一般铅酸蓄电池的电压12V/24V，容量在几十Ah，充放电电流为数A。

规格都是通用的，只是尺寸设计可能有区别。松下一般都是满足客户要求的。

二、**AVX**

F930J476MAAAE3：用于胎压监测

钽电容

手机

汽车

F38系列

F98系列

F380J476MSAAH1

F380K476MSAAH1

F980J476MMA

F981A476MSA

F981A106MMA

F981A226MMALZT

主推型号

普通钽电容

聚合物钽电容

常用型号

06031C102K4\*\*\*

06031C103K4\*\*\*

06035A150J4\*\*\*

06035C102K4\*\*\*

06035C103K4\*\*\*

06035C104K4\*\*\*

06035C473K4\*\*\*

08051C104K4\*\*\*

08051C223K4\*\*\*

08055C102K4\*\*\*

12103C106K4\*\*\*

12105C106K4\*\*\*

1206AC102K4\*\*\*

1206GC102K4\*\*\*

AVX

通用物料主要涉及项目：BMS/MCU/VCU/ADAS/T-BOX/TPMS/AIRBAG

MLCC

压敏电阻：按方向分如下

  **方向一：车灯**

VCAS060318A400RP (0.1J 150PF)数据线保护

   VCAS121018J390RP (1.6J 3100PF)

   VCAS120618E380RP (0.5J,930PF)

    VCAS121030H620RP (1.2J,1850PF)

 VCAS120616K380RP (0.6J 930PF)

体积小，耐高温，价格低

  VCAS120626F540RP (0.7J,600PF)

   VJ20MA0160KBA (0.6J,800PF)

   VJ15MA0160KBA (10J,4000PF)

 **方向二：天窗**

  全景天窗：VCAS120616K380RP(0.6J,930PF) 双向马达保护

   天窗：VCAS120626D580RP(0.4J 500PF) MOSFET和马达之间保护

                VCAS120618D400RP(0.4J,900PF) 数据线保护

                VCAS060318A400RP (0.1J,150PF)

                 VCAS08055C150RP (0.3J 3000PF)

                 VJ15M00350K-(10J, 4000PF)

  **方向三：马达、继电器防浪涌保护**

   VCAS060318A400RP(0.1J,150PF) 电动车窗，BCM

    VCAS121026H560RP(1.2J,2150PF) 电动车窗

    VCAS121018J390RP(1.6J,3100PF) 侧面刹车马达，EPS

    VCAS181216P400RP(2.9J,5000PF) 水泵，空气压缩机

    VCAS222034Y770(12J,6300PF) 直流无刷电机

  **方向四：各类天线静电保护 & 高速数据线静电保护**

* 0.8pf, 3pf, 12pf汽车级压敏

   VCASHAG160R8MATWA (0603, 0.8PF)

   VCAS06AG183R0YAT3A (0603,3PF)

   VCAS06AG18120YAT3A (0603,12PF)

* 0.47pf电敏在研

  **方向五：总线静电保护**

   CAN: CAN0001RP (0603,22PF)

               CAN0002 (Dual Array in 0405, 22PF)

   Lin: VC06LC18X500 (06603, 50PF)

   FLEXRAY: FLX0005WP (0402, 15PF)

  **方向六：抛负载 ISO7637 5a, 5b**

   5b:21.5V+13.5V=35V

          26.5V+13.5V=40V

   VCAS120618D400 (0.4J,900pf)

   VAS121018J390RP (1.6J,3100PF)

   VGAS181216P400 (2.9J,5000PF)

   VGAS222016Y400 (7.2J,13000PF)

三、**乾坤Cyntec**

热压一体成型：HBMQ系列、HMMQ系列、PIFE系列

金属粉绕线：PCSB系列、SDTM系列

Cyntec功率电感

铁氧体绕线：PST系列

**通用料常用型号如下：**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **型号** | **感值**  **μH** | **尺寸（mm）** | **饱和电流(A)** | | **温升电流(A)** | | **DCR( mΩ)** | | **工艺** | **备注** |
| **Typ** | **max** | **Typ** | **max** | **Typ** | **max** |
| HBMQ041B-1R0MSAR | 1 | 4\*4\*1 | 5.6 | 5 | 4.7 | 4.3 | 26 | 32 | 热压一体成型 | 大电流充电位置 |
| HMMQ20161T-1R0MDR | 1 | 2.0\*1.6\*1.0 | 3.9 | 3.65 | 3.2 | 3 | 49 | 59 | 热压一体成型 | 性能好，价格偏贵 |
| HMMQ20161T-1R5MDR | 1.5 | 2.0\*1.6\*1.0 | 3 | 2.7 | 2.35 | 2.05 | 99 | 109 | 热压一体成型 | 性能好，价格偏贵 |
| HMMQ20161T-2R2MDR | 2.2 | 2.0\*1.6\*1.0 | 2.65 | 2.45 | 2.2 | 2 | 142 | 150 | 热压一体成型 | 性能好，价格偏贵 |
| HMMQ20161T-R24MDR | 0.24 | 2.0\*1.6\*1.0 | 6.7 | 6.1 | 5.1 | 4.5 | 18 | 23 | 热压一体成型 | 性能好，价格偏贵 |
| HMMQ20161T-R33MDR | 0.33 | 2.0\*1.6\*1.0 | 5.1 | 4.6 | 4.3 | 4.1 | 21 | 26 | 热压一体成型 | 性能好，价格偏贵 |
| HMMQ20161T-R47MDR | 0.47 | 2.0\*1.6\*1.0 | 4.9 | 4.45 | 4.4 | 4.05 | 26 | 32 | 热压一体成型 | 性能好，价格偏贵 |
| HMMQ20161T-R68MDR | 0.68 | 2.0\*1.6\*1.0 | 4.6 | 4 | 3.4 | 3.1 | 40 | 50 | 热压一体成型 | 性能好，价格偏贵 |
| HMMQ25201T-1R0MSR | 1 | 2.5\*2.0\*1.0 | 5 | 4.3 | 3.7 | 3.4 | 44 | 53 | 热压一体成型 | 性能好，价格偏贵 |
| HMMQ25201T-1R5MSR | 1.5 | 2.5\*2.0\*1.0 | 3.8 | 3.5 | 2.6 | 2.4 | 65 | 79 | 热压一体成型 | 性能好，价格偏贵 |
| HMMQ25201T-2R2MSR | 2.2 | 2.5\*2.0\*1.0 | 3.4 | 3 | 2.4 | 2.2 | 89 | 102 | 热压一体成型 | 性能好，价格偏贵 |
| HMMQ25201T-3R3MSR | 3.3 | 2.5\*2.0\*1.0 | 2 | 1.8 | 1.6 | 1.4 | 150 | 180 | 热压一体成型 | 性能好，价格偏贵 |
| HMMQ25201T-R33MSR | 0.33 | 2.5\*2.0\*1.0 | 7.3 | 7 | 5.5 | 5 | 16 | 20 | 热压一体成型 | 性能好，价格偏贵 |
| HMMQ25201T-R47MSR | 0.47 | 2.5\*2.0\*1.0 | 5.6 | 5 | 4.3 | 3.7 | 19 | 25 | 热压一体成型 | 性能好，价格偏贵 |
| PCSB20161T-1R0MS | 1 | 2.0\*1.6\*1.0 | 2.9 | 2.5 | 2.65 | 2.4 | 60 | 72 | 金属粉绕线 | 性价比高 |
| PCSB20161T-1R5MS | 1.5 | 2.0\*1.6\*1.0 | 2.3 | 2.05 | 2 | 1.8 | 110 | 132 | 金属粉绕线 | 性价比高 |
| PCSB20161T-2R2MS | 2.2 | 2.0\*1.6\*1.0 | 1.9 | 1.7 | 1.75 | 1.6 | 135 | 160 | 金属粉绕线 | 性价比高 |
| PCSB20161T-R24MS | 0.24 | 2.0\*1.6\*1.0 | 5.3 | 4.8 | 4.8 | 4.32 | 20 | 25 | 金属粉绕线 | 性价比高 |
| PCSB20161T-R33MS | 0.33 | 2.0\*1.6\*1.0 | 4.6 | 4.1 | 4 | 3.6 | 28 | 33 | 金属粉绕线 | 性价比高 |
| PCSB20161T-R47MS | 0.47 | 2.0\*1.6\*1.0 | 4.2 | 3.8 | 3.3 | 3 | 35 | 42 | 金属粉绕线 | 性价比高 |
| PCSB20161T-R68MS | 0.68 | 2.0\*1.6\*1.0 | 3.5 | 3.2 | 3 | 2.7 | 46 | 55 | 金属粉绕线 | 性价比高 |
| PCSB25201T-1R0MS | 1 | 2.5\*2.0\*1.0 | 3.9 | 3.6 | 3.3 | 3 | 52 | 62 | 金属粉绕线 | 性价比高 |
| PCSB25201T-1R5MS | 1.5 | 2.5\*2.0\*1.0 | 2.9 | 2.65 | 2.2 | 1.98 | 84 | 100 | 金属粉绕线 | 性价比高 |
| PCSB25201T-2R2MS | 2.2 | 2.5\*2.0\*1.0 | 2.5 | 2.2 | 2 | 1.8 | 100 | 120 | 金属粉绕线 | 性价比高 |
| PCSB25201T-4R7MS | 4.7 | 2.5\*2.0\*1.0 | 1.7 | 1.53 | 1.5 | 1.35 | 217 | 260 | 金属粉绕线 | 性价比高 |
| PCSB25201T-R33MS | 0.33 | 2.5\*2.0\*1.0 | 6.4 | 5.7 | 4.5 | 4.2 | 24 | 29 | 金属粉绕线 | 性价比高 |
| PCSB25201T-R47MS | 0.47 | 2.5\*2.0\*1.0 | 4.7 | 4.2 | 3.9 | 3.51 | 29 | 35 | 金属粉绕线 | 性价比高 |
| PCSB25201T-R68MS | 0.68 | 2.5\*2.0\*1.0 | 4.15 | 3.7 | 3.5 | 3.15 | 40 | 48 | 金属粉绕线 | 性价比高 |
| PIFE25201T-R22MS | 0.22 | 2.5\*2.0\*1.0 | 6.6 | 6 | 5.8 | 5.22 | 10 | 12 | 热压一体成型 | MTK6797参考设计独source |
| PIFE32251B-1R0MS | 1 | 3.2\*2.5\*1.0 | 4.7 | 4.2 | 3.8 | 3.4 | 35 | 42 | 热压一体成型 | 大电流充电位置 |
| PIQQ20161B-R47MDR | 0.47 | 2.0\*1.6\*1.2 | 5.2 | 5 | 5 | 4.5 | 28 | 34 | 热压一体成型 | 高通高端平台用 |
| PIQQ20161T-R47MDR | 0.47 | 2.0\*1.6\*1.0 | 4.8 | 4.4 | 4.2 | 4 | 30 | 36 | 热压一体成型 | 高通高端平台用 |
| PST031T-100MS | 10 | 3\*3\*1.0 | 0.75 | 0.68 | 0.81 | 0.73 | 366 | 439 | 铁氧体绕线 | Low DCR |
| SDTM20161T-100MS | 10 | 2.0\*1.6\*1.0 | 0.8 | 0.72 | 0.7 | 0.63 | 840 | 1010 | 金属粉绕线 | 性价比高 |
| SDTM20161T-3R3MS | 3.3 | 2.0\*1.6\*1.0 | 1.5 | 1.35 | 1.2 | 1.08 | 255 | 306 | 金属粉绕线 | 性价比高 |
| SDTM20161T-4R7MS | 4.7 | 2.0\*1.6\*1.0 | 1.4 | 1.26 | 1.1 | 1 | 355 | 426 | 金属粉绕线 | 性价比高 |
| SDTM25201T-100MS | 10 | 2.5\*2.0\*1.0 | 1.2 | 1.1 | 0.95 | 0.85 | 620 | 745 | 金属粉绕线 | 性价比高 |
| SDTM25201T-R22MS | 0.22 | 2.5\*2.0\*1.0 | 7.3 | 6.5 | 4.6 | 4.3 | 19 | 23 | 金属粉绕线 | 性价比高 |

四、**华新科Walsin**

**1.Balun(巴伦)**

|  |  |  |
| --- | --- | --- |
| 型号 | Size (mm) | 频率 |
| RFBLN0605040YM9T16 | 0605 | 729~821MHz |
| RFBLN06051G8DM1T69 | 0605 | 1805~1990MHz |
| RFBLN06052G5WM9T16 | 0605 | 2300~2700MHz |
| RFBLN1005040YM1T69 | 1005 | 729~821MHz |
| RFBLN10052G5WM9T16 | 1005 | 2300~2700MHz |
| RFBLN1608050AM0T63 | 1608 | WIFI Balun |

**2. Diplexer(双工器)**

|  |  |  |
| --- | --- | --- |
| 型号 | Size | Note |
| RFDIP1608060TM7T62 | 1608 | 2.4GHz/1.575GHz Diplexer |
| RFDIP160806BLM5T62 | 1608 | 2.4GHz/5GHz Diplexer |
| RFDIP160806ALM6T32 | 1608 | 2.4GHz /5GHz diplexer，只与RFDIP160806BLM6T32配对出现 |
| RFDIP160806BLM6T32 | 1608 | 2.4GHz /5GHz diplexer |
| RFDIP1608070GM1T76 | 1608 | LB：698 ~ 960 MHz  HB：1710 ~ 2700MHz |
| RFDIP1608070TM1T76 | 1608 | B3+B7 Diplexer  LB：1710 ~ 1880MHz  HB：2500 ~ 2690MHz |
| RFDIP201209ALM1T79 | 2012 | LB: 699‐960 MHz  HB: 1427‐2200 MHz |
| RFDIP201209BLM1T79 | 2012 | LB: 699‐960 MHz  HB: 1427‐2700 MHz |
| RFDIP2012090GM1T58 | 2012 | LB:689~960 MHz  HB:1710~2690MHz |
| RFDIP160806ALM0T63 | 1608 | 2.45GHz;5GHz |

**3. Triplexer(三工器)**

|  |  |  |  |
| --- | --- | --- | --- |
| 型号 | 尺寸 | 频率 | Note |
| RFTIP2520090TM1T79 | 2520 | LB: 699‐1511 MHz  MB: 3400‐3800 MHz  HB: 5150‐5850 MHz | 1.5G+HB+UHB |
| RFTIP2109BTM5T62 | 2109 | 1.57~1.61GHz;2.45GHz;5GHz | BT/WiFi/FM/GPS |
| RFTIP2109ATM0T63 | 2109 | 1.57~1.61 GHz;2.45GHz;5GHz | BT/WiFi/FM/GPS |
| RFTIP2109BTM5T62 | 2012 | 2.4G/5G/1.575G Diplexer | 2.4G/5G/1.575G Diplexer |
| RFTIP2109BTM6T32 | 2012 | 2.4 GHz /5 GHz /1.575 GHz diplexer | 只与RFDIP160806BLM6T32配对出现 |

**4. Broadband Coupler(耦合器)**

|  |  |  |
| --- | --- | --- |
| 型号 | Size (mm) | 频率 |
| RFCPL1608070P18Q1C | 1608 | 700~2690 MHz Full Band Coupler |
| RFCPL1608070PM1T79 | 1608 | 699-2700MHz |
| RFCPL1608070KM1T79 | 1608 | 3400-5850MHz |

**5. SAW(声表滤波器)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 名称 | 型号 | Size（mm） | Band | 频率 |
| TX Filter | SF14112595B3803T | 1411 | B38 | 2570-2620MHz |
| TX Filter | SF14112350B4001T | 1411 | B40 | 2300-2400MHz |
| TX Filter | SF14112605B4107T | 1411 | B41 | 2550-2655MHz |
| TX Filter | SF11092595B3804T | 1109 | B38 | 2570-2620MHz |
| TX Filter | SF11092350B4004T | 1109 | B40 | 2300-2400MHz |
| TX Filter | SF11092602B4102T | 1109 | B41 | 2550-2655MHz |

**6. LPF (低通滤波器)**

|  |  |  |
| --- | --- | --- |
| 型号 | Size(mm) | Note |
| RFLPF06050G9D0T | 0605 | LPF for LB harmonic |
| RFLPF10050G9DM1T76 | 1005 | LPF for LB's harmonics Rejection |
| RFLPF1005040YM1T76 | 1005 | LPF for GPS harmonics Rejection |
| RFLPF10051G8DM1T76 | 1005 | LPF for B34/39 Tx Harmonics |
| RFLPF10052G5WM1T76 | 1005 | LPF for WiFi Off bypass path |
| RFLPF10050G9D58Q1C | 1005 | 824~915 B5/B20 MHz LPF，WCDMA |
| RFLPF1005040GM1T79 | 1005 | 1427‐2200 MHz |
| RFLPF16080G9DM1T76 | 1608 | LPF for LB’s harmonics rejection;  for B8/12/17+B13 |
| RFLPF16080G9DM1T58 | 1608 | 698~960 MHz |
| RFLPF16082G5WM0T29 | 1608 | Ultra HB TXM bypass mode use |
| RFBPF1608060AM6T25 | 1608 | 2.4G for WiFi Filter |
| RFLPF1608060Y08Q1C | 1608 | 470~787 MHz LPF UMTS FDD Band(12/13/14/17) |
| RFLPF1608060Y18Q1C | 1608 | FDD-LTE |
| RFLPF1608060F18Q1C | 1608 | 673~2700 MHz B38/40/41 LPF，TD-SCDMA |
| RFLPF2012090BM0T29 | 2012 | LPF for wifi B40 B41,for TDD 3M9B |
| RFLPF2012100F28Q1C | 2012 | 1085~2170 MHz LPF |
| RFBPF2520090B08Q1C | 2520 | Low: 869~1990 MHz ;  High: 1805~2025MHz / Dual Band BPF |

**7.HPF(高通滤波器)**

|  |  |  |
| --- | --- | --- |
| 型号 | 尺寸 | 频率 |
| RFHPF16082G5WM1T79 | 1608 | 2496‐2690 MHz |

**8. BPF(带通滤波器)**

|  |  |  |
| --- | --- | --- |
| 型号 | 尺寸 | 频率 |
| RFBPF20123G6WM1T79 | 2.0 x 1.25 x 0.9 mm | 3400-3800MHz |
| RFBPF1608070KM1T79 | 1.6 x 0.8 x 0.7 mm | 5150~5925 MHz |
| RFBPF16081G9DM1T79 | 1.6 x 0.8 x 0.7 mm | 1805‐2025 MHz |
| RFBPF16081G9DMAT79 | 1.6 x 0.8 x 0.7 mm | 1805‐2025 MHz |

五、**国巨**

PE系列：10、20mΩ

RC系列：普通阻值

**1.消费类电阻**

RL系列：阻值<1Ω

YC系列

常用系列型号和对应阻值范围如下：

|  |  |
| --- | --- |
| **型号** | **范围** |
| PE0805FRE | 10，20毫欧 |
| RC0201FR-07 | 1R-1M |
| RC0201FR-07 | >1M |
| RC0201JR-07 | 0R,1R-1M |
| RC0201JR-07 | >1M |
| RC0402FR-07 | >1M |
| RC0402FR-07 | 1R-1M |
| RC0402JR-07 | 0R，1R-10M |
| RC0603FR-07 | 1R-1M |
| RC0603FR-07 | >1M |
| RC0603JR-07 | 0R，1R-10M |
| RC0805FR-07 | 10R-1M |
| RC0805FR-07 | >1M , 1R-9R9 |
| RC0805JR-07 | 0R,1R-10M |
| RC1206FR-07 | 10R-10M |
| RC1206FR-07 | 1R-9R9 |
| RC1206JR-07 | 0R, 1R-10M |
| RC1210FR-07 | 10R-10M |
| RC1210FR-07 | 1R-9R9 |
| RC1210JR-07 | 1R-10M,0R |
| RC1218FK-07 | 1R-1M |
| RC1218JK-07 | 1R-1M，0R |
| RC2010FK-07 | 10R-1M |
| RC2010JK-07 | 0R,1R-10M |
| RC2512FK-07 | 1R-1M |
| RC2512JK-07 | 0R,1R-10M |
| RL0402FR-07 | 0R051-0R5 |
| RL0402JR-07 | 0R051-0R91 |
| RL0603FR-07 | 0R11-0R5 |
| RL0603FR-07 | 0R01-0R05 |
| RL0603JR-07 | 0R11-0R91 |
| RL0805FR-07 | 0R01-0R05 |
| RL0805FR-07 | 0R051-0R91 |
| RL0805FR-7W | 0R051-0R1,0R11-0R5,0R51-0R91 |
| RL0805FR-7W | 0R01-0R05 |
| RL0805FR-7W | 0R051-0R91 |
| RL1206FR-07 | 0R051-0R91 |
| RL1206FR-07 | 0R01-0R05 |
| RL1206JR-07 | 0R11-0R5 |
| RL1210FR-07 | 0R01-0R1 |
| RL1210FR-07 | 0R11-0R5 |
| RL1210JR-07 | 0R11-0R5 |
| RL1218FK-07 | 0R11-0R5 |
| RL1218JK-07 | 0R01-0R5 |
| RL2010FK-07 | 0R01-0R05 |
| RL2010JK-07 | 0R01-0R05 |
| RL2010JK-07 | 0R11-0R5 |
| RL2512FK-07 | 0R11-0R5 |
| RL2512FK-07 | 0R01-0R05 |
| RL2512FK-07 | 0R051-0R1 |
| RL2512JK-07 | 0R01-0R1 |
| YC104-JR | 0R,1R-1M |
| YC122-JR | 0R,1R-1M |
| YC124-FR-07 | 10R-1M |
| YC124-JR-07 | 0R,1R-1M |
| YC164-FR-07 | 10R-1M |
| YC164-JR-07 | 10R-1M,0R |
| YC164-JR-07 | 1R-9R9 |

**2.汽车电阻常用系列型号与阻值范围**

|  |  |  |
| --- | --- | --- |
| 汽车电阻 | 尺寸精度 | 阻值范围 |
| AC0402FR-07 | 0402 1% | 10R-1M |
| AC0402FR-07 | 0402 1% | 1R-9R9 |
| AC0402JR-07 | 0402 5% | 0R,10R-1M |
| AC0402JR-07 | 0402 5% | 1R-9R9 |
| AC0603FR-07 | 0603 1% | 10R-1M |
| AC0603FR-07 | 0603 1% | 1R-9R9 |
| AC0603JR-07 | 0603 5% | 0R,10R-1M |
| AC0603JR-07 | 0603 5% | 1R-9R9 |
| AC0805FR-07 | 0805 1% | 10R-1M |
| AC0805FR-07 | 0805 1% | 1R-9R9 |
| AC0805JR-07 | 0805 5% | 0R,10R-1M |
| AC0805JR-07 | 0805 5% | 1R-9R9 |
| AC1206FR-07 | 1206 1% | 10R-1M |
| AC1206FR-07 | 1206 1% | 1R-9R9 |
| AC1206JR-07 | 1206 5% | 0R,10R-1M |
| AC1206JR-07 | 1206 5% | 1R-9R9 |

**3.电容**

高容

低容0201

低容0402

电容

低容0603以上

高压电容

1）**高容常用系列型号**

|  |  |  |  |
| --- | --- | --- | --- |
| 电压 | 容值 | 精度 | 国巨P/N |
| 6.3 | 474 | M | CC0201MRX5R5BB474 |
| 6.3 | 105 | m | CC0201MRX5R5BB105 |
| 6.3 | 105 | K | CC0402KRX5R5BB105 |
| 10 | 105 | K | CC0402KRX5R6BB105 |
| 16 | 105 | K | CC0402KRX5R7BB105 |
| 6.3 | 225 | m | CC0402MRX5R5BB225 |
| 6.3 | 475 | m | CC0402MRX5R5BB475 |
| 6.3 | 106 | M | CC0402MRX5R5BB106 |
| 25 | 105 | K | CC0603KRX5R8BB105 |
| 16 | 105 | K | CC0603KRX5R7BB105 |
| 10 | 105 | K | CC0603KRX5R6BB105 |
| 6.3 | 106 | m | CC0603MRX5R5BB106 |
| 10 | 106 | m | CC0603MRX5R6BB106 |
| 6.3 | 225 | k | CC0603KRX5R5BB225 |
| 10 | 225 | k | CC0603KRX5R6BB225 |
| 16 | 225 | K | CC0603KRX5R7BB225 |
| 6.3 | 226 | m | CC0603MRX5R5BB226 |
| 6.3 | 475 | k | CC0603KRX5R5BB475 |
| 10 | 475 | k | CC0603KRX5R6BB475 |
| 16 | 475 | k | CC0603KRX5R7BB475 |
| 25 | 105 | K | CC0805KKX7R8BB105 |
| 50 | 105 | K | CC0805KKX7R9BB105 |
| 16 | 225 | k | CC0805KKX5R7BB225 |
| 6.3 | 225 | k | CC0805KKX5R5BB475 |
| 10 | 225 | k | CC0805KKX5R6BB475 |
| 25V | 475 | K | CC0805KKX5R8BB475 |
| 6.3 | 106 | K薄 | CC0805KRX5R5BB106 |
| 10 | 106 | K薄 | CC0805KRX5R6BB106 |
| 6.3 | 106 | k厚 | CC0805KKX5R5BB106 |
| 10 | 106 | k厚 | CC0805KKX5R6BB106 |
| 16 | 106 | k | CC0805KKX5R7BB106 |
| 25 | 106 | k | CC0805KKX5R8BB106 |
| 6.3 | 226 | m厚 | CC0805MKX5R5BB226 |
| 10 | 226 | m厚 | CC0805MKX5R6BB226 |
| 6.3 | 476 | m | CC0805MKX5R5BB476 |

2）**低容0201常用系列型号**

|  |  |
| --- | --- |
| **系列** | **YAGEO P/N** |
| CC0201NPO 0.5PF〈容值〈10PF | CC0201CRNPO9BN3R3 |
| CC0201CRNPO9BN4R7 |
| CC0201CRNPO9BN8R2 |
| CC0201NPO J | CC0201JRNPO9BN100 |
| CC0201JRNPO9BN150 |
| CC0201JRNPO9BN180 |
| CC0201JRNPO9BN220 |
| CC0201JRNPO9BN330 |
| CC0201JRNPO9BN470 |
| CC0201JRNPO9BN680 |
| CC0201JRNPO9BN101 |
| CC0201 X5R X7R | CC0201KRX7R7BB103 |
| CC0201KRX7R9BB221 |
| CC0201KRX7R8BB102 |
| CC0201KRX7R7BB222 |
| CC0201KRX7R7BB332 |
| CC0201KRX5R6BB104 |
| CC0201KRX5R5BB333 |
| CC0201KRX5R5BB473 |
| CC0201KRX5R5BB104 |

3）**低容0402常用系列型号**

|  |  |
| --- | --- |
| **系列** | **P/N** |
| CC0402 C | CC0402CRNPO9BNR50 |
| CC0402CRNPO9BN1R0 |
| CC0402CRNPO9BN1R2 |
| CC0402CRNPO9BN1R5 |
| CC0402CRNPO9BN1R8 |
| CC0402CRNPO9BN2R0 |
| CC0402CRNPO9BN2R2 |
| CC0402CRNPO9BN2R7 |
| CC0402CRNPO9BN3R3 |
| CC0402CRNPO9BN3R9 |
| CC0402CRNPO9BN4R7 |
| CC0402CRNPO9BN5R0 |
| CC0402CRNPO9BN5R6 |
| CC0402CRNPO9BN6R8 |
| CC0402CRNPO9BN8R2 |
| CC0402 D | CC0402DRNPO9BN5R6 |
| CC0402DRNPO9BN8R0 |
| CC0402 J | CC0402JRNPO9BN100 |
| CC0402JRNPO9BN120 |
| CC0402JRNPO9BN150 |
| CC0402JRNPO9BN180 |
| CC0402JRNPO9BN200 |
| CC0402JRNPO9BN220 |
| CC0402JRNPO9BN270 |
| CC0402JRNPO9BN300 |
| CC0402JRNPO9BN330 |
| CC0402JRNPO9BN390 |
| CC0402JRNPO9BN470 |
| CC0402JRNPO9BN560 |
| CC0402JRNPO9BN680 |
| CC0402JRNPO9BN820 |
| CC0402JRNPO9BN101 |
| CC0402JRNPO9BN121 |
| CC0402JRNPO9BN151 |
| CC0402JRNPO9BN181 |
| CC0402JRNPO9BN221 |
| CC0402JRNPO9BN271 |
| CC0402JRNPO9BN331 |
| CC0402JRNPO9BN471 |
| CC0402KRX7R9BB221 |
| CC0402 K | CC0402KRX7R9BB271 |
| CC0402KRX7R9BB331 |
| CC0402KRX7R9BB391 |
| CC0402KRX7R9BB471 |
| CC0402KRX7R9BB561 |
| CC0402KRX7R9BB681 |
| CC0402KRX7R9BB821 |
| CC0402KRX7R9BB102 |
| CC0402KRX7R9BB152 |
| CC0402KRX7R9BB222 |
| CC0402KRX7R9BB272 |
| CC0402KRX7R9BB332 |
| CC0402KRX7R9BB392 |
| CC0402KRX7R9BB472 |
| CC0402KRX7R9BB682 |
| CC0402KRX7R9BB103 |
| CC0402KRX7R7BB223 |
| CC0402KRX7R8BB223 |
| CC0402KRX7R7BB333 |
| CC0402KRX7R7BB473 |
| CC0402KRX7R7BB683 |
| CC0402KRX5R6BB104 |
| CC0402KRX5R7BB104 |
| CC0402KRX5R8BB104 |
| CC0402KRX7R6BB104 |
| CC0402KRX7R7BB104 |
| CC0402KRX7R8BB104 |
| CC0402KRX5R6BB224 |
| CC0402KRX5R5BB474 |
| CC0402KRX5R6BB474 |

4）**低容0603以上常用系列型号**

|  |  |
| --- | --- |
| **系列** | **P/N** |
| CC0603 J | CC0603JRNPO9BN470 |
| CC0603JRNPO9BN100 |
| CC0603JRNPO9BN101 |
| CC0603JRNPO9BN102 |
| 0603 K | CC0603KRX7R9BB101 |
| CC0603KRX7R9BB102 |
| CC0603KRX7R9BB472 |
| CC0603KRX7R9BB103 |
| CC0603KRX7R9BB473 |
| CC0603KRX7R9BB104 |
| CC0603ZRY5V9BB104 |
| CC0603KRX7R9BB102 |
| CC0805 K | CC0805KRX7R9BB104 |
| CC0805KKX7R9BB224 |
| CC1206 K | CC1206KKX7R9BB224 |

5）**高压电容常用型号**

|  |  |  |
| --- | --- | --- |
| **P/N** | **说明** | **客户性质** |
| CC0805JRNPO0BN102 | 100V | 充电器 |
| CC0805KKX7R0BB104 | 100V | 充电器 |
| CC0805KRX7RABB102 | 200V | 电源 |
| CC0805KRX7RYBB102 | 250V | 充电器 |
| CC1206KKX7R0BB104 | 100V | 充电器 |
| CC1206KKX7RCBB471 | 1000V | 电源 |
| CC1206KKX7RDBB102 | 2KV | 电源 |
| CC1808KKX7RDBB102 | 2KV | OTT |

六.**三星高容常用型号**

|  |  |  |  |
| --- | --- | --- | --- |
| 电压 | 容值 | 精度 | 三星型号 |
| 6.3 | 474 | M | CL03A474MQ3NNNH |
| 6.3 | 105 | m | CL03A105MQ3CSNH |
| 6.3 | 105 | K | CL05A105KQ5NNNC |
| 10 | 105 | K | CL05A105KP5NNNC |
| 16 | 105 | K | CL05A105KO5NNNC |
| 6.3 | 225 | m | CL05A225MQ5NSNC |
| 6.3 | 475 | m | CL05A475MQ5NRNC |
| 6.3 | 106 | M | CL05A106MQ5NUNC |
| 25 | 105 | K | CL10A105KA8NNNC |
| 16 | 105 | K | CL10A105KO8NNNC |
| 10 | 105 | K | CL10A105KP8NNNC |
| 6.3 | 106 | m | CL10A106MQ8NNNC |
| 10 | 106 | m | CL10A106MP8NNNC |
| 6.3 | 225 | k | CL10A225KQ8NNNC |
| 10 | 225 | k | CL10A225KP8NNNC |
| 16 | 225 | K | CL10A225KO8NNNC |
| 6.3 | 226 | m | CL10A226MQ8NRNE |
| 6.3 | 475 | k | CL10A475KQ8NNNC |
| 10 | 475 | k | CL10A475KP8NNNC |
| 16 | 475 | k | CL10A475KO8NNNC |
| 25 | 105 | K | CL21B105KAFNNNE |
| 50 | 105 | K | CL21B105KBFNNNE |
| 16 | 225 | k | CL21A225KOFNNNE |
| 6.3 | 225 | k | CL21A475KQFNNNE |
| 10 | 225 | k | CL21A475KPFNNNE |
| 25V | 475 | K | CL21A475KAQNNNE |
| 6.3 | 106 | K薄 | CL21A106KQCLNNC |
| 10 | 106 | K薄 | CL21A106KPCLQNC |
| 6.3 | 106 | k厚 | CL21A106KQFNNNE |
| 10 | 106 | k厚 | CL21A106KPFNNNE |
| 16 | 106 | k | CL21A106KOQNNNE |
| 25 | 106 | k | CL21A106KAYNNNE |
| 6.3 | 226 | m厚 | CL21A226MQQNNNE |
| 10 | 226 | m厚 | CL21A226MPQNNNE |
| 6.3 | 476 | m | CL21A476MQYNNNE |