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**WLR-P Series**

高温（125℃）小型化**！**

**Varistors (Plastic SMD Type) 塑封贴片型压敏电阻器**

**- For Overvoltage Protection 用于过电压保护**

■ **GENERAL概述**

**伟林-中昊微WLR-P系列塑封贴片型压敏电阻器**是因应用户对大尺寸贴片产品的需求而推出的替代插件产品的创新产品，广泛应用于采用再流焊工艺的LED驱动电源、通信设备、载波模块、安防设备等场合。

WLR-P系列产品拥有自主知识产权（国家发明专利号:202021707847.0),并通过了UL、TUV及CQC等安规认证。

WEILIN-ZHONGHAO MICRO WLR-P series varistors (Plastic SMD Type) is an innovative products instead of the leads acording to customers’ demands such as big size SMD components. It is widely used in LED driving power supply, communication equipment, carrier module, security equipment etc. In which reflow welding process is adopted.

WEILIN-ZHONGHAO MICRO owns the independent intellectual property rights (Invention patent No.202021707 847.0) of WLR-P Series. and has passed the safety certification of UL, TUV and CQC.

■ **PART NUMBERING** **产品编号**

WLR-P 3225 271 K

1. ② ③ ④

 ① Series系列：伟林WLR-P系列塑封型压敏电阻器

② Size 尺寸：3225, 4032

③ Varistor Voltage压敏电压VN：271-270V

④ Tolerance of Varistor Voltage 压敏电压允差：K - ±10%



mm

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Unit | A | HE | D | E | e | C | L |
| Max | 4.2 | 11 | 10 | 8.7 | 2.7 | 0.15(ref) | 0.5(ref) |
| Min | 3.8 | 10.6 | 9.6 | 8.3 | 2.3 |
| Max | 165 | 433 | 394 | 343 | 106 | 9.8(ref) | 20(ref) |
| Min | 150 | 417 | 378 | 302 | 90.5 |

■ **SPECIFICATION TABLE 规格表**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No.序号 | Part No.产品编号 | Maximum Allowable Voltage最大容许回路电压(V) | Energy 能量/耐量10/1000μS(J) | Withstanding Surge Current最大峰值电流Ip(A)8/20μS | Rated Power最大额定功率（mw） | Varistor Voltage 压敏电压(V)0.1mA | Max Clamping Voltage最大限制电压(V) 1A | Capacitance电容量(PF)1KHz |
| ACrms | DC | 1 Time | 2 Times |
| 1 | WLR-P 3225-221K | 140 | 180 | 7.5 | 800 | 600 | 100 | 220(198-242) | 360 | 110 |
| 2 | WLR-P 3225-241K | 150 | 200 | 9.0 | 240(216-264) | 395 | 110 |
| 3 | WLR-P 3225-271K | 175 | 225 | 9.5 | 270(243-297) | 455 | 95 |
| 4 | WLR-P 3225-301K | 190 | 250 | 10.5 | 300(270-330) | 505 | 85 |
| 5 | WLR-P 3225-331K | 210 | 275 | 10.5 | 330(297-363) | 550 | 75 |
| 6 | WLR-P 3225-361K | 230 | 300 | 11.0 | 360(324-396) | 595 | 70 |
| 7 | WLR-P 3225-391K | 250 | 320 | 12.0 | 390(351-429) | 650 | 65 |
| 8 | WLR-P 3225-431K | 275 | 350 | 13.5 | 430(387-473) | 710 | 60 |
| 9 | WLR-P 3225-471K | 300 | 385 | 15.0 | 470(423-517) | 775 | 55 |
| 10 | WLR-P 3225-511K | 320 | 415 | 15.0 | 510(459-561) | 845 | 50 |
| 11 | WLR-P 3225-561K | 350 | 460 | 17.0 | 560(504-616) | 920 | 45 |
| 12 | WLR-P 3225-621K | 385 | 505 | 19..0 | 620(558-682) | 1025 | 40 |
| 13 | WLR-P 4032-221K | 140 | 180 | 29.0 | 1,750 | 1,250 | 250 | 220(198-242) | 360 | 230 |
| 14 | WLR-P 4032-241K | 150 | 200 | 30.0 | 240(216-264) | 395 | 210 |
| 15 | WLR-P 4032-271K | 175 | 225 | 33.0 | 270(243-297) | 455 | 185 |
| 16 | WLR-P 4032-301K | 190 | 250 | 36.0 | 300(270-330) | 505 | 165 |
| 17 | WLR-P4032-331K | 210 | 275 | 38.0 | 330(297-363) | 550 | 150 |
| 18 | WLR-P 4032-361K | 230 | 300 | 43.0 | 360(324-396) | 595 | 140 |
| 19 | WLR-P 4032-391K | 250 | 320 | 47.0 | 390(351-429) | 650 | 130 |
| 20 | WLR-P 4032-431K | 275 | 350 | 51.0 | 430(387-473) | 710 | 115 |
| 21 | WLR-P 4032-471K | 300 | 385 | 57.0 | 470(423-517) | 775 | 105 |
| 22 | WLR-P 4032-511K | 320 | 415 | 58.0 | 510(459-561) | 845 | 100 |
| 23 | WLR-P4032-561K | 350 | 460 | 61.0 | 560(504-616) | 920 | 90 |
| 24 | WLR-P 4032-621K | 385 | 505 | 68.0 | 620(558-682) | 1025 | 80 |
| 25 | WLR-P 4032-681K | 420 | 560 | 75.0 | 680(612-748) | 1120 | 75 |
| 26 | WLR-P 4032-751K | 460 | 615 | 80.0 | 750(675-825) | 1240 | 65 |