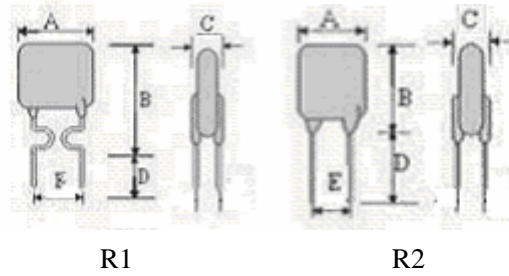


WLD30V 系列

元件尺寸 Product Dimensions (mm)



| 型号 PART NO | A | | B | | C | | D | | E | | 图形 Fig |
|---------------|-----|------|-----|------|-----|-----|-----|-----|-----|------|-----------|
| | Min | Max | Min | Max | Min | Max | Min | Max | Min | Max | |
| RF30-050 | - | 7.4 | - | 11.0 | - | 3.0 | 7.6 | - | 4.3 | 5.8 | R1 |
| RF30-065 | - | 7.4 | - | 11.0 | - | 3.0 | 7.6 | - | 4.3 | 5.8 | R1 |
| RF30-075 | - | 7.4 | - | 11.0 | - | 3.0 | 7.6 | - | 4.3 | 5.8 | R1 |
| RF30-090 | - | 7.4 | - | 12.2 | - | 3.0 | 7.6 | - | 4.3 | 5.8 | R1 |
| RF30-110 | - | 7.4 | - | 14.2 | - | 3.0 | 7.6 | - | 4.3 | 5.8 | R1 |
| RF30-135 | - | 8.9 | - | 13.5 | - | 3.0 | 7.6 | - | 4.3 | 5.8 | R1 |
| RF30-160 | - | 8.9 | - | 15.2 | - | 3.0 | 7.6 | - | 4.3 | 5.8 | R1 |
| RF30-185 | - | 10.2 | - | 15.7 | - | 3.0 | 7.6 | - | 4.3 | 5.8 | R1 |
| RF30-250 | - | 11.4 | - | 18.3 | - | 3.0 | 7.6 | - | 4.3 | 5.8 | R1 |
| RF30-300 | - | 11.4 | - | 17.3 | - | 3.0 | 7.6 | - | 4.3 | 5.8 | R2 |
| RF30-400 | - | 14.0 | - | 20.1 | - | 3.0 | 7.6 | - | 4.3 | 5.8 | R2 |
| RF30-500 | - | 14.0 | - | 24.9 | - | 3.0 | 7.6 | - | 9.4 | 10.9 | R2 |
| RF30-600 | - | 16.5 | - | 24.9 | - | 3.0 | 7.6 | - | 9.4 | 10.9 | R2 |
| RF30-700 | - | 19.1 | - | 26.7 | - | 3.0 | 7.6 | - | 9.4 | 10.9 | R2 |
| RF30-800 | - | 21.6 | - | 29.2 | - | 3.0 | 7.6 | - | 9.4 | 10.9 | R2 |
| RF30-900 | - | 24.1 | - | 29.7 | - | 3.0 | 7.6 | - | 9.4 | 10.9 | R2 |

电气特性 Electrical Characteristics Determined at 25 °C

| PART NO | IH | IT | Vmax | I max | PD TYP | Maximum Time to Trip | | Resistance (Ω) | | |
|----------|------|------|-------|-------|--------|----------------------|-----------|----------------|-------|--------|
| | (A) | (A) | (Vdc) | (A) | (W) | Current(A) | Time(Sec) | Rmin | Rmax | RI max |
| RF30-050 | 0.50 | 1.10 | 30 | 40 | 0.3 | 2.5 | 3.5 | 0.18 | 0.22 | 0.32 |
| RF30-065 | 0.65 | 1.2 | 30 | 40 | 0.4 | 2.5 | 4.0 | 0.14 | 0.19 | 0.29 |
| RF30-075 | 0.75 | 1.3 | 30 | 40 | 0.5 | 3.0 | 5.0 | 0.10 | 0.16 | 0.25 |
| RF30-090 | 0.90 | 1.8 | 30 | 40 | 0.6 | 4.5 | 5.9 | 0.070 | 0.12 | 0.22 |
| RF30-110 | 1.10 | 2.2 | 30 | 40 | 0.7 | 5.5 | 6.6 | 0.050 | 0.10 | 0.17 |
| RF30-135 | 1.35 | 2.7 | 30 | 40 | 0.8 | 6.75 | 7.3 | 0.040 | 0.08 | 0.13 |
| RF30-160 | 1.60 | 3.2 | 30 | 40 | 0.9 | 8.5 | 8.0 | 0.030 | 0.07 | 0.11 |
| RF30-185 | 1.85 | 3.7 | 30 | 40 | 1.0 | 9.25 | 8.7 | 0.030 | 0.06 | 0.09 |
| RF30-250 | 2.5 | 5.0 | 30 | 40 | 1.2 | 12.5 | 10.3 | 0.020 | 0.04 | 0.07 |
| RF30-300 | 3.0 | 6.0 | 30 | 40 | 2.0 | 15.0 | 10.8 | 0.020 | 0.05 | 0.08 |
| RF30-400 | 4.0 | 8.0 | 30 | 40 | 2.5 | 20.0 | 12.7 | 0.010 | 0.03 | 0.05 |
| RF30-500 | 5.0 | 10.0 | 30 | 40 | 3.0 | 25.0 | 14.5 | 0.010 | 0.03 | 0.05 |
| RF30-600 | 6.0 | 12.0 | 30 | 40 | 3.5 | 30.0 | 16.0 | 0.005 | 0.02 | 0.04 |
| RF30-700 | 7.0 | 14.0 | 30 | 40 | 3.8 | 35.0 | 17.5 | 0.005 | 0.02 | 0.03 |
| RF30-800 | 8.0 | 16.0 | 30 | 40 | 4.0 | 40.0 | 18.8 | 0.005 | 0.013 | 0.02 |
| RF30-900 | 9.0 | 18.0 | 30 | 40 | 4.2 | 45.0 | 20.0 | 0.005 | 0.01 | 0.02 |

Thermal Derating Chart-I_H(A)

| Part NO | Maximum ambient operating temperatures(°C) | | | | | | | | | | |
|----------|--|-------|-------|------|------|------|------|------|------|------|-------|
| | -40 | -20 | 0 | 20 | 25 | 40 | 50 | 60 | 70 | 80 | 85 |
| RF30-050 | 0.68 | 0.62 | 0.56 | 0.51 | 0.50 | 0.44 | 0.40 | 0.36 | 0.34 | 0.25 | |
| RF30-065 | 0.81 | 0.74 | 0.67 | 0.61 | 0.60 | 0.53 | 0.48 | 0.43 | 0.41 | 0.32 | |
| RF30-075 | 0.95 | 0.87 | 0.79 | 0.72 | 0.70 | 0.62 | 0.56 | 0.51 | 0.47 | 0.39 | |
| RF30-090 | 1.31 | 1.17 | 1.04 | 0.90 | 0.87 | 0.75 | 0.69 | 0.61 | 0.55 | 0.47 | |
| RF30-110 | 1.60 | 1.43 | 1.27 | 1.10 | 1.07 | 0.91 | 0.85 | 0.75 | 0.67 | 0.57 | |
| RF30-135 | 1.96 | 1.76 | 1.55 | 1.35 | 1.31 | 1.12 | 1.04 | 0.92 | 0.82 | 0.70 | |
| RF30-160 | 2.32 | 2.08 | 1.84 | 1.60 | 1.55 | 1.33 | 1.23 | 1.09 | 0.98 | 0.83 | |
| RF30-185 | 2.68 | 2.41 | 2.13 | 1.85 | 1.79 | 1.54 | 1.42 | 1.26 | 1.13 | 0.96 | |
| RF30-250 | 3.63 | 3.25 | 2.88 | 2.5 | 2.43 | 2.08 | 1.93 | 1.70 | 1.53 | 1.30 | |
| RF30-300 | 4.35 | 3.90 | 3.45 | 3.0 | 2.91 | 2.49 | 2.31 | 2.04 | 1.83 | 1.56 | |
| RF30-400 | 5.80 | 5.20 | 4.60 | 4.0 | 3.88 | 3.32 | 3.08 | 2.72 | 2.44 | 2.08 | 5.80 |
| RF30-500 | 7.25 | 6.50 | 5.75 | 5.0 | 4.85 | 4.15 | 3.85 | 3.40 | 3.05 | 2.60 | 7.25 |
| RF30-600 | 8.70 | 7.80 | 6.90 | 6.0 | 5.85 | 4.98 | 4.62 | 4.08 | 3.66 | 3.12 | 8.70 |
| RF30-700 | 10.15 | 9.10 | 8.05 | 7.0 | 6.79 | 5.81 | 5.39 | 4.76 | 4.27 | 3.64 | 10.15 |
| RF30-800 | 11.60 | 10.40 | 9.20 | 8.0 | 7.76 | 6.64 | 6.16 | 5.44 | 4.88 | 4.16 | 11.60 |
| RF30-900 | 13.05 | 11.70 | 10.35 | 9.0 | 8.73 | 7.47 | 6.93 | 6.12 | 5.49 | 4.68 | 13.05 |