

- High power in standard size
- Suitable for both wave & re-flow soldering
- Application: AV adapters, LCD back-light, camera strobe etc. AV , LCD

Derating Curve & Specification ()



| Type | Max. Working Voltage | Max. Overload Voltage | Dielectric Withstanding Voltage | Operating Temperature |
|------|----------------------|-----------------------|---------------------------------|-----------------------|
| HP02 | 50V | 100V | 100V | -55°C~155°C |
| HP03 | 50V | 100V | 300V | -55°C~155°C |
| HP05 | 150V | 300V | 500V | -55°C~155°C |
| HP06 | 200V | 400V | 500V | -55°C~155°C |
| HP07 | 200V | 500V | 500V | -55°C~155°C |
| HP10 | 200V | 500V | 500V | -55°C~155°C |
| HP12 | 250V | 500V | 500V | -55°C~155°C |

| Type | Power Rating at 70°C | L(mm) | W(mm) | H(mm) | A(mm) | B(mm) | Resistance Range of 1% 1% | Resistance Range of 5% 5% |
|------|----------------------|-----------|--|-----------|-----------|-----------|------------------------------|------------------------------|
| HP02 | 1/10W | 1.00±0.10 | 0.50 ^{+0.05} _{-0.05} | 0.35±0.05 | 0.20±0.10 | 0.25±0.10 | 1Ω~10M | 1Ω~10M |
| HP03 | 1/5W | 1.60±0.10 | 0.80 ^{+0.15} _{-0.10} | 0.45±0.10 | 0.30±0.20 | 0.30±0.20 | 1Ω~10M | 1Ω~10M |
| HP05 | 1/3W | 2.00±0.15 | 1.25 ^{+0.15} _{-0.10} | 0.55±0.10 | 0.40±0.20 | 0.40±0.20 | 1Ω~10M | 1Ω~10M |
| HP06 | 1/2W | 3.10±0.15 | 1.55 ^{+0.15} _{-0.10} | 0.55±0.10 | 0.45±0.20 | 0.45±0.20 | 1Ω~10M | 1Ω~10M |
| HP07 | 3/4W | 3.10±0.10 | 2.60 ^{+0.15} _{-0.10} | 0.55±0.10 | 0.50±0.25 | 0.50±0.20 | 1Ω~10M | 1Ω~10M |
| HP10 | 1W | 5.00±0.10 | 2.50 ^{+0.15} _{-0.10} | 0.55±0.10 | 0.60±0.25 | 0.50±0.20 | 1Ω~10M | 1Ω~10M |
| HP12 | 2W | 6.35±0.10 | 3.20 ^{+0.15} _{-0.10} | 0.55±0.10 | 0.60±0.25 | 1.80±0.25 | 1Ω~10M | 1Ω~10M |