

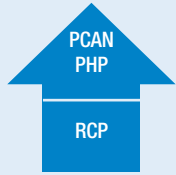


# HIGH POWER RESISTORS

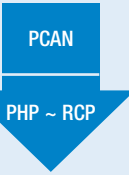
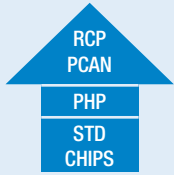
RCP / PHP / PCAN

IN A NUTSHELL

HIGH PRECISION



POWER RATING

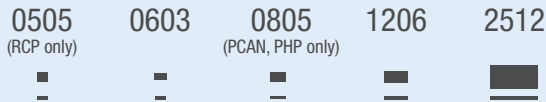


COST

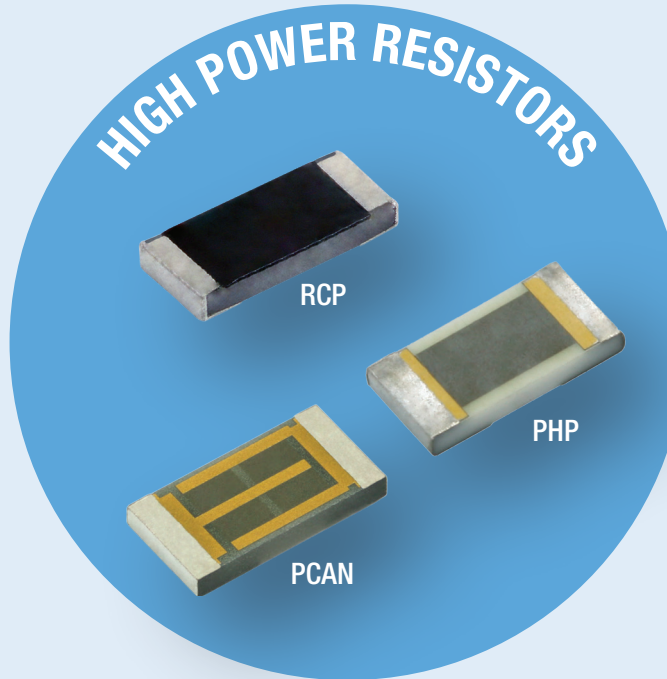
REDUCES COMPONENT COUNT AND PCB AREA



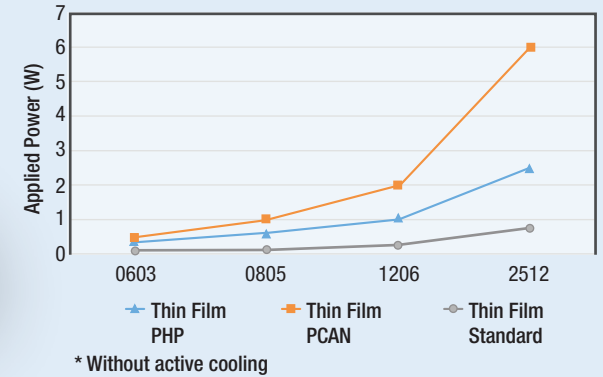
FOOTPRINT AND PROFILE CAPABILITY



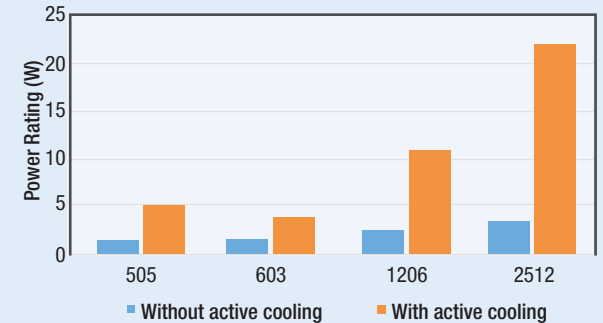
Shown at actual size (when viewed or printed at 100 %)



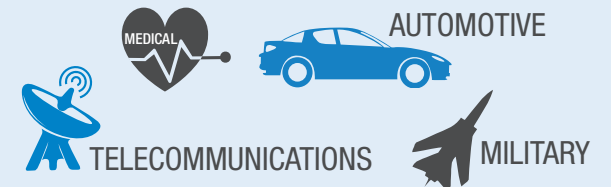
PHP AND PCAN THIN FILM RESISTORS RATED POWER AT 70 °C



RCP (AlN) THICK FILM CHIP RESISTOR POWER RATING



APPLICATIONS



|      | TECHNOLOGY | SUBSTRATE        | RESISTANCE    | ADVANTAGE                            |
|------|------------|------------------|---------------|--------------------------------------|
| RCP  | Thick Film | Aluminum Nitride | 10 Ω to 2 kΩ  | • High frequency                     |
| PCAN | Thin Film  | Aluminum Nitride | 2 Ω to 30 kΩ  | • Tighter TCR<br>• Tighter tolerance |
| PHP  | Thin Film  | Alumina          | 10 Ω to 30 kΩ | • Tighter TCR<br>• Tighter tolerance |

For Technical Questions: [thinfilm@vishay.com](mailto:thinfilm@vishay.com)

© 2017 VISHAY INTERTECHNOLOGY, INC. ALL RIGHTS RESERVED.