

The Art of Resistors

WSK, WSL3637, WSL2726, WSL4026

5 % to 0.1 %

WK, WR

0.22 Ω to 1 M Ω

High power dissipation

(AC01-CS, AC03-CS, AC05-CS)

Down to 1 %

ACXX-CS

4-terminal, Kelvin connection

WK2 & WR4 are AEC-Q200 qualified

 $0.1~\Omega$ to $150~k\Omega$

WSL, WSL...18

2 m Ω to 500 m Ω

Power Metal Strip®

5 % to 0.1 %

WSLF2512

 $0.3~\text{m}\Omega$ to $3\text{m}\Omega$

 $0.1~\Omega$ to $27~k\Omega$

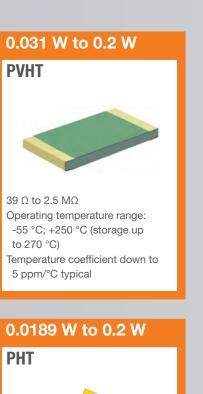
10 %, 5 %

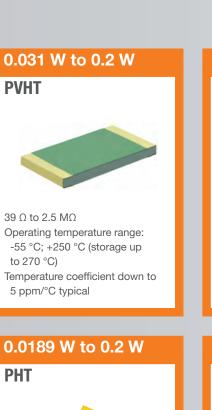
Power Metal Strip® high-power

5% to 1%

Industrial power metal film resistors

5 % to 0.1 %















CRCA, CRCC.

5 % to 1 %

100 Ω to 511 kΩ

5 % to 1 %

Single-in-line thin film networks

Up to 0.4 W

MC (MCS, MCT,

MCU, MCA)

1 Ω to 10 MΩ

NFR25

0.22 Ω to 15 kΩ

Fusible, non-flammable

Down to 10 ppm/K

Case sizes 0402 to 1206

0.33 W to 0.5 W

Down to ± 0.02 %

Low TCR down to ± 5 ppm/K

CS206. TRC. MRCN



1 % to 0.01 %

Oown to ± 1 %

High operating voltage (500 V)

Case sizes 0805 to 1206

ACAS (ACAS 0612, ACAS 0606 AT,

ACAS 0612 AT)

Down to ± 0.05 %

TCR down to ± 5 ppm/K

P₈₅ up to 0.4 W

MC AT (MCS AT,

 Ω to 1 M Ω

Down to ± 0.1 %

AEC-Q200 qualified

Up to 0.5 W

TNPW e3

MCT AT, MCU AT,

High-precision / high-stability

0.125 W to 0.25 W



1 Ω to 3 GΩ

25 % to 1 %

Thick film chip resistors

MBx (MBA, MBB,

MBE). MRS

0.22 Ω to 22 $M\Omega$

AEC-Q200 options

down to 0.25 %

Semi-precision

WSLS

10 m Ω to 100 m Ω

0.05 W to 2 W

CCF50, CCF60

.1 Ω to 50 MΩ

Axial-leaded metal film resistors

STANDARD

5 % to 0.1 %

CMF, RN, RL, CCF02,

Power Metal Strip® high-stability

5 % to 0.5 %

TCR down to 50 ppm/K

Case sizes 0402 to 2512

5 % to 0.1 %



10 Ω to 6 M Ω

PLTT, HTRN

250 Ω to 3 ΜΩ

MMB HV)

340 k Ω to 10 M Ω

Case sizes 0204, 0207

P₈₅ up to 1 W

MCW AT (MCW 0406

AT, MCW 0612 AT)

1 Ω to 100 kΩ

 Ω to 10 $M\Omega$

2 % to 0.1 %

Military (M, P, R, and S level)

Down to \pm 0.1 %

Robust against thermal cycles

0.05 W to 2 W

RNC, RNR, RNN, RLR

High operating voltage > 500 V

0.1 % to 0.02 %

High-temperature 215 °C

MM HV (MMA HV,

Die resistor or die network

High-temperature 230 °C





 Ω to 10 M Ω , and 0

0.5 %, 1 %, and 5 %

AEC-Q200 (sulfur resistant)

Case sizes 0402 to 2512

(VR25, VR37, VR68)

10 Ω to 68 MΩ

High pulse load, Umay 10 kV

 $0.1~\Omega$ to 15 M Ω , and 0

0.2 W to 1.5 W

CRCW-HP e3

 Ω to 1 M Ω , and 0

Pulse proof high-power

Case sizes 0402 to 2512

0.063 W to 2 W

RCWE, RCWL

5 % to 0.5 %

Down to 0.1 %

5 % to 1 %



M55342. D55342.

0 Ω (jumper) to 22 M Ω

10 % to 0.1 %









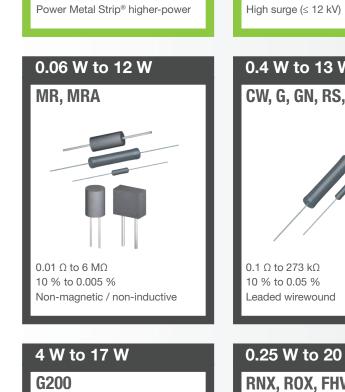




0.6 W to 3 W

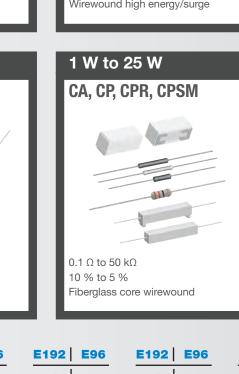
PR (PR01, PR02, PR03)

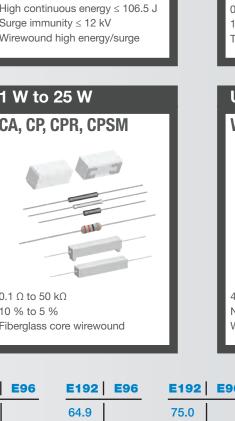
PR01 & PR02 are AEC-Q200 qualified













Up to 22 W

High-power thick film chip, AIN

Case sizes 0505 to 2512

0.015 Ω to 1 M Ω

0.01 Ω to 273 kΩ

5 % to 0.05 %

0.27 Ω to 18 Ω

Thick film metal on ceramic

FSE, FVE, ASE, AVE

High pulse load capability

10 % to 1 %

0 % to 1 %

0.01 Ω to 71.5 kΩ

lilitary-qualified wirewound

1 % to 0.1 %

).1 Ω to 620 kΩ

0.33 Ω to 100 KΩ

Very high dissipation

Very high energy capability

0 % to 2 %

O-263 (D²PAK) and TO-252 (DPAK

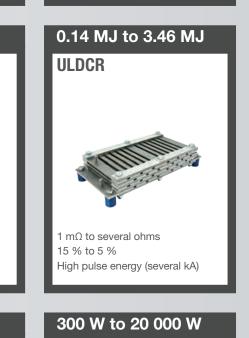
% to 1 %

Battery shunt

.2 Ω to 76 kΩ

.7 Ω to 1.8 kΩ

10 % to 5 %













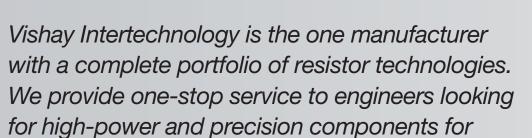












demanding and diverse applications.



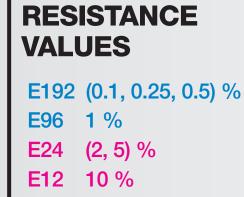
.7 Ω to 3.01 MΩ

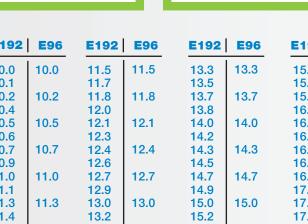
Down to ± 0.1 %

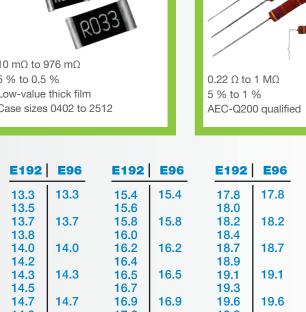
excellent overall stability

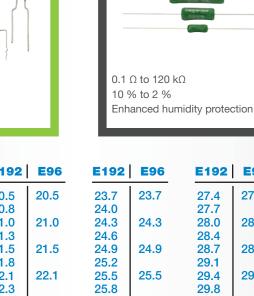


> than 10 W



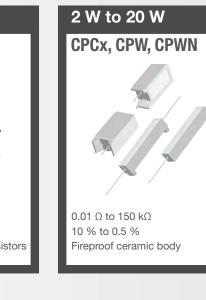






30.5 30.9 31.2





WSMS

50 μΩ to 100 μΩ

 $0.3~\text{m}\Omega$ to $500~\text{m}\Omega$

Power Metal Strip® high temp.

100 ppm/ °C to 25 ppm/ °C

Precision high-power, thin film

5 % to 0.1 %

I m Ω to 800 m Ω

10 % to 0.1 %

1 W to 13 W

SR, SPU, SPR

 $.5~\text{m}\Omega$ to $50~\text{m}\Omega$

Low value axial leaded, molded

5 % to 0.1 %

PCAN, PHP

Meter shunt

WSLT

WSF, WSZ

0.1 Ω to 100 kΩ

10 % to 0.1 %

WSR

5 % to 0.5 %

WSHM

1 m Ω to 100 m Ω

Power Metal Strip® high-power

5 % to 0.5 %

Z300-C00

0.1 Ω to 27 kΩ

Non-flammable coating

CW...HE, CW...HS

10 % to 1 %

AC-AT is AEC-Q200 qualified

Power Metal Strip® molded

Wirewound / film SMD

