

= AEC-Q200 qualified

Low Ohm / Molded Shunt

SL Series

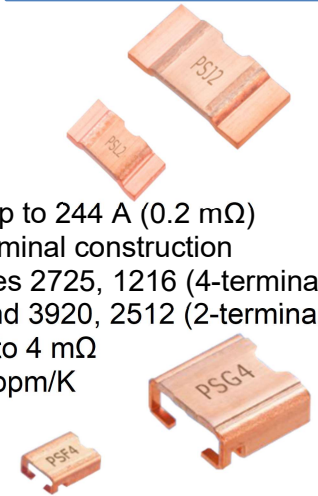
- Molded metal plate resistor, high reliability
- Electrodes absorb heat & mechanical stress
- Power rating up to 7 W, max. current 48.3 A
- Operating temperature up to +180 °C



High Power Shunt

PS Series

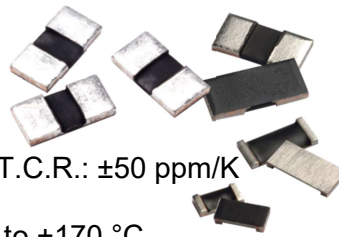
- Current sensing up to 244 A (0.2 mΩ)
- 2 terminal or 4 terminal construction
- Standard inch sizes 2725, 1216 (4-terminal) and 3920, 2512 (2-terminal)
- R-values 0.2 mΩ to 4 mΩ
- Best T.C.R. ± 50 ppm/K
- Low inductance



Ultra Low Ohm / Shunt

TLR Series

- Metal plate resistor
- Low inductance
- R-range down to 0.5 mΩ, T.C.R.: ±50 ppm/K
- Power rating up to 3 W
- Operating temperature up to +170 °C



Wide Terminal Chip Resistor

WK73 Series

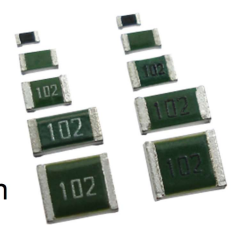
- Higher rated power – less board space
- Superior temperature and power cycling performance
- Available sizes 0204 ... 1225 inch
- Resistance range 10 mΩ ... 1 MΩ



Pulse Proof / Anti-Surge Chip Resistor

SG73 Series

- Outstanding pulse proof & ESD characteristics
- Available sizes 0402 ... 2512 inch
- Resistance range 1 Ω ... 10 MΩ
- Operating temperatures up to +155 °C



Wide Terminal Chip Resistor, Anti-Surge

WG73 Series

- Outstanding pulse proof & ESD characteristics
- 0612, 1020, 1225 inch, 1 W... 2 W,
- R-range 560 mΩ ... 1 kΩ

Wide Terminal Chip Resistor, Low Ohm

WU73 Series

- Improved T.C.R. type (±75 ppm/K)
- 0612 inch, 1.5 W, ± 1 %
- R-range 10 mΩ ... 100 mΩ



High Voltage Chip Resistor

HV73 (V) Series

- High working voltages up to 3000 V
- Available sizes 0603 ... 2512 inch
- Resistance range 10 kΩ ... 100 MΩ
- Operating temperatures up to +155 °C



Anti Sulfuration Resistors

_RT Series

- Intended for use under harsh environment
- Excellent anti-sulfuration characteristic due to using high-sulfuration-proof inner top electrode material
- Available for several standard product series

Resistors use anti-sulfur material for inner top electrodes

General Purpose	High Precision	High Reliability	Anti-Surge	High Power (Wide Terminal)	High Voltage
RK73B-RT RK73H-RT RK73Z-RT (01005...2512)	RK73G-RT (0402...1206)	RS73-RT (0603, 0805, 1206) new	SG73_RT (0603...2512) SG73S/P-RT (High precision) (0402...1210)	WK73S-RT WK73R-RT (0508...1225)	HV73-RT (0603...2512) HV73V-RT (0603...1206)
Low ohm resistors (Current Detection)					
			new		

For more information, please contact:

KOA Europe GmbH, Kaddenbusch 6, D-25578 Dägeling-Itzehoe, Germany

Phone: +49 (0)4821 89890, E-Mail: info@koaeurope.de, Internet: www.koaeurope.de

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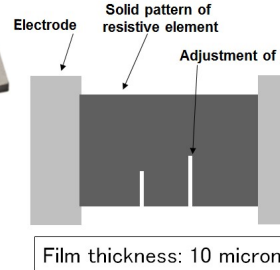
High Reliable Thin-Film Chip Resistors

RN73H Series

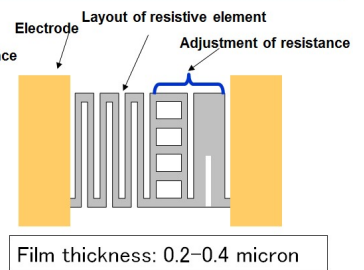
- High stability over lifetime
- Advanced moisture & heat resistance
- Higher rated power at +85 °C
- Tight resistance tolerance down to $\pm 0.05\%$
- Extremely low T.C.R. down to ± 5 ppm/K



Thick film(metal glaze) chip resistor (RK73)

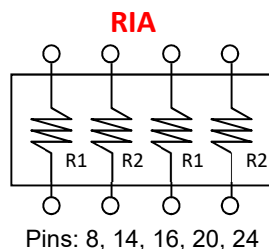
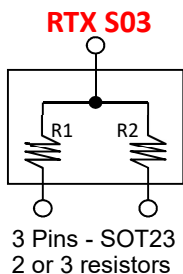


Thin Film(metal film) chip resistor (RN73)



High Reliable Thin-Film Networks

KPC Series



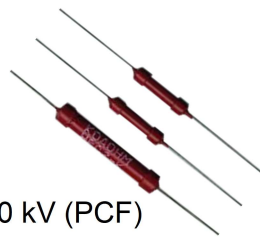
- Passive integration high performance thin film on silicon
- Excellent high-frequency performance
- Space saving in comparison with standard chip resistors
- Saving of total cost of ownership
- Several standard circuits and custom products available



Pulse Proof / Anti-Surge

PCF, HPC Series

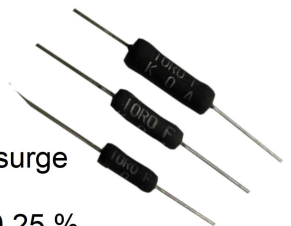
- Full ceramic body resistor
- Max. pulse voltages up to 20 kV (PCF) and 25 kV (HPC)
- Power rating up to 2 W (PCF) and 5 W (HPC)
- Non-inductive



High Power / High Precision

CW Series

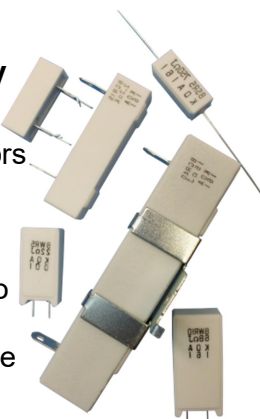
- Wire-wound resistor for anti-surge
- Power rating up to 5 W
- Best resistance tolerance $\pm 0.25\%$
- Best T.C.R. ± 20 ppm/K
- Operating temperature up to +275 °C
- CWFS-type has fusing function (3 W & 5 W)



High Power / High Reliability

BGR(V) Series

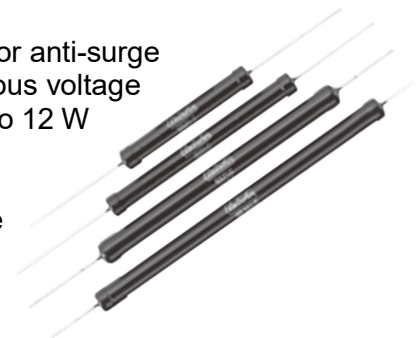
- High reliable cement resistors
- Excellent in anti-pulse and inrush current
- Power rating up to 40 W
- Operating temperature up to +155 °C
- Special series for automotive available



High Voltage / High Resistance

RCR, GS Series

- Metal glaze film for anti-surge and high continuous voltage
- Power rating up to 12 W
- Working voltage up to 40 kV
- Resistance range up to 10 G Ω



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