

# Increased Resistor Power Ratings



KOA's product range is continually evolving, with not only the introduction of special new products, but also the improvement of existing devices.

As a result of rigorous temperature testing and evaluation, KOA has increased the power rating for several of its resistor series.

No PCN is needed for these re-rated parts as neither the production nor the product have changed.

## ■ Standard Flat Chip Resistor RK73 B/H

Type	Size [inch]	Old Power Rating		New Power Rating
RK73 B/H 1E	0402	0.063 W	+ 58%	0.1 W
RK73 B/H 1J	0603	0.1 W	+ 25%	0.125 W *2
RK73 B/H 2A	0805	0.125 W	+ 100%	0.25 W
RK73 B/H 2E	1210	0.33 W	+ 52%	0.5 W

## ■ Anti Surge/Pulse Resistor SG73 S/P

Type	Size [inch]	Old Power Rating		New Power Rating *1
SG73S/P 1E	0402	0.125 W	+ 60%	0.2 W
SG73S/P 1J	0603	0.2 W	+ 65%	0.33 W
SG73S/P 2A	0805	0.25 W	+ 100%	0.5 W
SG73S/P 2B	1206	0.33 W	+ 52%	0.5 W
SG73 2B	1206	0.25 W	+32%	0.33 W
SG73 2E	1210	0.33 W	+52%	0.5 W

## ■ High Voltage Resistor HV73 /HV73V

Type	Size [inch]	Old Power Rating		New Power Rating
HV73(V) 2A	0805	0.125 W	+ 100%	0.25 W

## ■ Wide Terminal Resistor WK73 R/S

Type	Size [inch]	Old Power Rating		New Power Rating *1
WK73S 2B	0612	0.75 W	+ 33%	1.0 W
WK73S 3A	1225	1.5 W	+ 33%	2.0 W
WK73R 3A	1225	1.5 W	+ 33%	2.0 W

## ■ Thick Film Low Ohm Resistor SR73

Type	Size [inch]	Old Power Rating		New Power Rating *1
SR73 1E	0402	0.125 W	+ 33%	0.166 W
SR73 2A	0805	0.25 W	+ 100%	0.5 W
SR73 2B	1206	0.33 W	+ 52%	0.5 W
SR73 2E	1210	0.5 W	+ 20%	0.66 W

## ■ Molded Low Ohm Resistor SLN

Type	Size [inch]	Old Power Rating		New Power Rating *1
SLN5	4527	5W	+ 40%	7W

## ■ Thin Film Resistor RN73

Type	Size [inch]	Old Power Rating		New Power Rating *3
RN73 1J	0603	0.063 W	+ 58%	0.1 W
RN73 2A	0805	0.1 W	+ 25%	0.125 W
RN73 2B	1206	0.125 W	+ 100%	0.25 W

## ■ Metal Plate Low Ohm Resistor TLR/TLRH

Type	Size [inch]	Old Power Rating		New Power Rating *1
TLRH 2A	0805	0.25 W	+ 100%	0.5 W
TLR 2B(W)	1206	0.5 W	+ 100%	1.0 W
TLR 2H(W)	2010	1.0 W	+ 100%	2.0 W
TLR 3A(P)	2512	2.0 W	+ 50%	3.0 W

\*1 Please note that for the marked series the power rating has increased as a result of measuring the terminal temperature.

\*2 0.125 W for resistance range 1 Ω...1 kΩ, 0.1 W for values > 1.1 kΩ

\*3 Please note the different limits of the performance data

Please refer to our datasheets or specifications for more detailed information.

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