

Increased Resistor Power Ratings



To Be Designated by Customer

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

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

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

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

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

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

Molded Low Ohm Resistor SLN

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

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.

For more information, please contact:

KOA Denko Singapore, 72 Bendemeer Road #06-28, Luzerne, Singapore 339941

Email: ksp@koanet.co.jp