

HS SERIES ALUMINUM HOUSED POWER WIREWOUND RESISTORS



AUTHORIZED DISTRIBUTOR



Features

- Wide resistance range
- High power dissipation
- Extremely stable

Applications

- Breaking or Balancing Resistor
- Capacitor charging & discharging

- Crowbar
- Filter

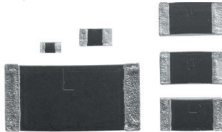
Specifications

- Tolerance: $\pm 5\%$
- TCR: below 1000 $\pm 50\text{ppm}/^\circ\text{C}$
- above 1000 $\pm 30\text{ppm}/^\circ\text{C}$

Mfg. Part No.	Resistance	Temperature Coefficient	Stock No.	Price Each 1-24+
100 W, 1.9 kV, $\pm 5\%$				
● HSC1003R3J	3.3ohm	$\pm 50\text{ppm}/^\circ\text{C}$	16R5380	---
150 W, 1.9 kV, $\pm 5\%$				
● HSC150470RJ	470ohm	$\pm 30\text{ppm}/^\circ\text{C}$	51R2349	---
200 W, 1.9 kV, $\pm 5\%$				
● HSC2001R0J	1ohm	$\pm 50\text{ppm}/^\circ\text{C}$	16R5435	28.13
● HSC20022RJ	22ohm	$\pm 50\text{ppm}/^\circ\text{C}$	16R5455	31.89
● HSC20047RJ	47ohm	$\pm 50\text{ppm}/^\circ\text{C}$	16R5463	---
● HSC200150RJ	150ohm	$\pm 30\text{ppm}/^\circ\text{C}$	16R5446	30.29
● HSC200470RJ	470ohm	$\pm 30\text{ppm}/^\circ\text{C}$	16R5464	23.16
250 W, 2.2 kV, $\pm 5\%$				
● HSC250R47J	0.47ohm	$\pm 50\text{ppm}/^\circ\text{C}$	01P0359	---
● HSC2503R3J	3.3ohm	$\pm 50\text{ppm}/^\circ\text{C}$	01P0366	---
● HSC2504R7J	4.7ohm	$\pm 50\text{ppm}/^\circ\text{C}$	01P0369	---
● HSC25022RJ	22ohm	$\pm 50\text{ppm}/^\circ\text{C}$	01P0364	---
● HSC250220RJ	220ohm	$\pm 30\text{ppm}/^\circ\text{C}$	01P0365	---
300 W, 2.5 kV, $\pm 5\%$				
● HSC3004R7J	4.7ohm	$\pm 50\text{ppm}/^\circ\text{C}$	16R5513	32.14
● HSC30022RJ	22ohm	$\pm 50\text{ppm}/^\circ\text{C}$	16R5503	43.02
● HSC300680RJ	680ohm	$\pm 30\text{ppm}/^\circ\text{C}$	06WX4785	43.02

PIM_177894

CRCW SERIES THICK FILM, 1% TOLERANCE RECTANGULAR CHIP RESISTORS



FEATURES

- High Volume Product Suitable for Commercial and Special Applications
- Metal Glaze on High Quality Ceramic
- Protective Overglaze
- Lead (Pb)-Free Solder Contacts on Ni Barrier Layer
- Pure Tin Plating Provides Compatibility with Lead (Pb)-Free and Lead Containing Soldering Processes
- Compatible with "Restriction of the use of Hazardous"
- Excellent Stability ($\mu\text{R}/\text{R} = 1\%$ for 1000 h at 70°C)

Many more 1% & 5% Tolerance Values are available. Go on line or call.
Available in Cut Tape and Full Reels.

Mfg. Part No.	Res.	Temp. Coefficient	Voltage Rating	Stock No.	Tape Cut 1-24+
0201 [0603 Metric], 50 mW, $\pm 1\%$					
● CRCW020110K0FKED	10kohm	$\pm 100\text{ppm}/^\circ\text{C}$	30V	71R4422	0.28
● CRCW020120K0FKED	20kohm	$\pm 100\text{ppm}/^\circ\text{C}$	30V	63R7663	0.28
0402 [1005 Metric], 63 mW					
● CRCW0402000Z0ED	0ohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K6543	---
0402 [1005 Metric], 63 mW, $\pm 1\%$					
● CRCW04021R00FKED	1ohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K5648	0.10
● CRCW04022R00FKED	2ohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	47P3315	0.10
● CRCW04022R20FKED	2.2ohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	16P3569	0.09
● CRCW04023R32FKED	3.32ohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	47P3361	---
● CRCW04024R02FKED	4.02ohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	47P3384	0.13
● CRCW04024R70FKED	4.7ohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	47P3392	0.09
● CRCW04024R99FKED	4.99ohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	46M4461	0.10
● CRCW04025R10FKED	5.1ohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	47P3403	0.13
● CRCW040210R0FKED	10ohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K6600	---
● CRCW040215R0FKED	15ohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K6714	0.09
● CRCW040220R0FKED	20ohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K6821	0.01
● CRCW040224R9FKED	24.9ohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K6879	0.10
● CRCW040233R2FKED	33.2ohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K6980	0.13
● CRCW040237R4FKED	37.4ohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K7016	0.00
● CRCW040249R9FKED	49.9ohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K7114	---
● CRCW040251R1FKED	51.1ohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K7132	0.01
● CRCW040275R0FKED	75ohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K7267	0.10
● CRCW0402100R0FKED	100ohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K6609	---
● CRCW0402124R0FKED	124ohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K6663	---
● CRCW0402130R0FKED	130ohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K6679	0.10

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CRCW SERIES THICK FILM, 1% TOLERANCE RECTANGULAR CHIP RESISTORS (CONT.)

Mfg. Part No.	Res.	Temp. Coefficient	Voltage Rating	Stock No.	Tape Cut 1-24+
0402 [1005 Metric], 63 mW, $\pm 1\%$					
● CRCW0402150R0FKED	150ohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K6721	0.10
● CRCW0402200R0FKED	200ohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K6826	---
● CRCW0402220R0FKED	220ohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K6853	0.01
● CRCW0402249R0FKED	249ohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K6886	0.10
● CRCW0402301R0FKED	301ohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K6960	0.10
● CRCW0402330R0FKED	330ohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K6981	0.13
● CRCW0402332R0FKED	332ohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K6984	0.01
● CRCW0402392R0FKED	392ohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K7033	0.00
● CRCW0402475R0FKED	475ohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K7103	0.10
● CRCW0402499R0FKED	499ohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K7117	0.04
● CRCW0402511R0FKED	511ohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K7136	0.01
● CRCW0402750R0FKED	750ohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K7270	0.10
● CRCW04021K00FKED	1kohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K6545	---
● CRCW04021K21FKED	1.21kohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K6559	0.00
● CRCW04021K50FKED	1.5kohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K6575	---
● CRCW04021K69FKED	1.69kohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K6583	---
● CRCW04022K00FKED	2kohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K6788	---
● CRCW04022K1FKED	2.2kohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K6795	0.10
● CRCW04022K43FKED	2.43kohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K6801	---
● CRCW04022K49FKED	2.49kohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K6803	0.13
● CRCW04023K01FKED	3.01kohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K6935	0.01
● CRCW04024K02FKED	4.02kohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K7034	0.13
● CRCW04024K64FKED	4.64kohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K7044	0.13
● CRCW04024K70FKED	4.7kohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K7045	---
● CRCW04024K75FKED	4.75kohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K7046	0.14
● CRCW04024K99FKED	4.99kohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K7048	0.04
● CRCW04025K11FKED	5.11kohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K7119	0.01
● CRCW04026K04FKED	6.04kohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K7180	0.10
● CRCW04026K19FKED	6.19kohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K7181	0.00
● CRCW04026K49FKED	6.49kohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K7185	0.00
● CRCW04027K50FKED	7.5kohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K7245	0.09
● CRCW04029K76FKED	9.76kohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K7337	0.00
● CRCW040210K0FKED	10kohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K6595	---
● CRCW040211K0FKED	11kohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K6621	0.01
● CRCW040215K0FKED	15kohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K6708	---
● CRCW040220K0FKED	20kohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K6817	0.03
● CRCW040222K0FKED	22kohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K6843	0.01
● CRCW040224K3FKED	24.3kohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K6874	0.00
● CRCW040230K1FKED	30.1kohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K6954	0.01
● CRCW040236K5FKED	36.5kohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K7007	0.00
● CRCW040239K2FKED	39.2kohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K7028	0.00
● CRCW040240K2FKED	40.2kohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K7049	0.10
● CRCW040247K0FKED	47kohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K7097	0.01
● CRCW040247K5FKED	47.5kohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K7100	0.01
● CRCW040249K9FKED	49.9kohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K7113	0.01
● CRCW040256K2FKED	56.2kohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K7159	0.01
● CRCW040271K5FKED	71.5kohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K7250	0.00
● CRCW0402110KFKED	110kohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K6633	0.13
● CRCW0402150KFKED	150kohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K6719	0.13
● CRCW0402182KFKED	182kohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K6765	0.00
● CRCW0402191KFKED	191kohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K6780	---
● CRCW0402200KFKED	200kohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K6825	0.13
● CRCW0402249KFKED	249kohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K6884	0.13
● CRCW0402301KFKED	301kohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K6959	0.01
● CRCW0402499KFKED	499kohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K7116	0.01
● CRCW04021M00FKED	1Mohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K6593	---
● CRCW040210M0FKED	10Mohm	$\pm 100\text{ppm}/^\circ\text{C}$	50V	52K6599	0.01
0402 [1005 Metric], 63 mW, $\pm 5\%$					
CRCW04021K00JNTD	1kohm	$\pm 200\text{ppm}/^\circ\text{C}$	50V	23C6830	---

PIM_91199

Mfg. Part No.	Res.	Temp. Coefficient	Voltage Rating	Stock No.	Tape Cut 1-9+
0805 [1212 Metric], 125 mW					
CRCW0805000Z0STA	0ohm	$\pm 100\text{ppm}/^\circ\text{C}$	150V	36C9353	0.13
● CRCW0805000Z0EB	0ohm	---	150V	48P9971	0.01
0805 [1212 Metric], 125 mW, $\pm 1\%$					
● CRCW0805000Z0EA	0ohm	$\pm 100\text{ppm}/^\circ\text{C}$	150V	52K9721	0.13
● CRCW08051R00FNEA	1ohm	$\pm 100\text{ppm}/^\circ\text{C}$	150V	52K9792	0.00
● CRCW08052R20FKEA	2.2ohm	$\pm 100\text{ppm}/^\circ\text{C}$	150V	52K9992	0.10

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