

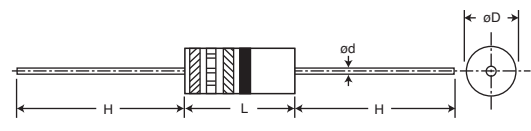
# KAMAYA Fixed Carbon Composition Resistors - RC Series



- Features:**
- Improved pulse endurance characteristics compared to carbon-film devices.
  - Predictable and reliable performance.

RoHS Compliant

**NEW SUPPLIER**



### ORDERING INFORMATION

<b>RC</b>	<b>1/4</b>	<b>102</b>	<b>J</b>	<b>B</b>
<b>Type</b>	<b>Power Rating</b>	<b>Rated Resistance</b>	<b>Tol.</b>	<b>Packaging</b>
RC	1/4: 0.25W 1/2: 0.5W 1: 1W	E24, 12, 6 Series e.g.: 2R2=2.2Ω 102=1kΩ	J: ±5% K: ±10%	B: Bulk

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value Range	Tolerance	Dimensions: mm				Price Each				
			L	øD	H	ød	1	100	200	500	1000
791-RC1/4- Code KB	1.0	±10%	6.3	2.4	30	0.6	.33	.19	.158	.132	.116
791-RC1/4- Code JB	2.2 - 5.6M	±5%	6.3	2.4	30	0.6	.29	.164	.137	.114	.10
791-RC1/2- Code KB	1.0	±10%	9.5	3.6	28	0.7	.36	.208	.173	.144	.127
791-RC1/2- Code JB	2.2 - 910K	±5%	9.5	3.6	28	0.7	.36	.208	.173	.144	.127
791-RC1/2- Code JB	1M - 22M	±5%	9.5	3.6	28	0.7	.40	.229	.191	.159	.14
791-RC1- Code KB	2.2 - 1M	±10%	14.3	5.7	26	0.9	2.21	1.26	1.05	.879	.774

### Table of Stocked Values

Value	Code	Value	Code	Value	Code	Value	Code	Value	Code	Value	Code	Value	Code	Value	Code	Value	Code	Value	Code
1.0	1R0	10	100	56	560	300	301	1.5K	152	7.5K	752	39K	393	200K	204	1.0M	105	2.7M	275
2.2	2R2	11	110	62	620	330	331	1.6K	162	8.2K	822	43K	433	220K	224	1.1M	115	2.0M	206
2.4	2R4	12	120	68	680	360	361	1.8K	182	9.1K	912	47K	473	240K	244	1.2M	125	2.2M	226
2.7	2R7	13	130	75	750	390	391	2K	202	10K	103	51K	513	270K	274	1.3M	135	3.0M	305
3	3R0	15	150	82	820	430	431	2.2K	222	11K	113	56K	563	300K	304	1.5M	155	3.3M	335
3.3	3R3	16	160	91	910	470	471	2.4K	242	12K	123	62K	623	330K	334	1.6M	165	3.6M	365
3.6	3R6	18	180	100	101	510	511	2.7K	272	13K	133	68K	683	360K	364	1.8M	185	3.9M	395
3.9	3R9	20	200	110	111	560	561	3K	302	15K	153	75K	753	390K	394	1.0M	106	4.3M	435
4.3	4R3	22	220	120	121	620	621	3.3K	332	16K	163	82K	823	430K	434	1.1M	116	4.7M	475
4.7	4R7	24	240	130	131	680	681	3.6K	362	18K	183	91K	913	470K	474	1.2M	126	5.1M	515
5.1	5R1	27	270	150	151	750	751	3.9K	392	20K	203	100K	104	510K	514	1.3M	136	5.6M	565
5.6	5R6	30	300	160	161	820	821	4.3K	432	22K	223	110K	114	560K	564	1.5M	156	6.2M	625
6.2	6R2	33	330	180	181	910	911	4.7K	472	24K	243	120K	124	620K	624	1.6M	166	6.8M	685
6.8	6R8	39	390	200	201	1K	102	5.1K	512	27K	273	130K	134	680K	684	1.8M	186	7.5M	755
7.5	7R5	43	430	220	221	1.1K	112	5.6K	562	30K	303	150K	154	750K	754	2.0M	205	8.2M	825
8.2	8R2	47	470	240	241	1.2K	122	6.2K	622	33K	333	160K	164	820K	824	2.2M	225	9.1M	915
9.1	9R1	51	510	270	271	1.3K	132	6.8K	682	36K	363	180K	184	910K	914	2.4M	245		

Leaded Resistors

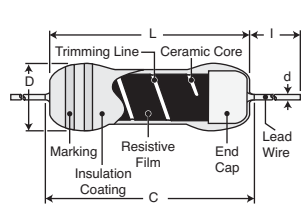
# KOA SPEER 5% Carbon Film Resistors - 1/4W, 1/2W



- Features:**
- Suitable for automatic machine insertion
  - Smaller size body
  - Marking: Beige body color with color-coded bands on CF.

**ORDERING INFORMATION:** In a continual effort to support their customer base on a RoHS Compliant global environment, KOA Corporation is adopting a new global part numbering system.

<b>CF</b>	<b>1/4</b>	<b>CL</b>	<b>T52</b>	<b>R</b>	<b>103</b>	<b>J</b>
<b>Type</b>	<b>Power Rating</b>	<b>Termination Material</b>	<b>Taping &amp; Forming</b>	<b>Packaging</b>	<b>Nominal Resistance</b>	<b>Tol.</b>
CF	1/4: 0.25W 1/2: 0.5W	C: Sn Cu	Axial: T52	R: Reel	2 significant figures + 1 multiplier "R" indicates decimal on value <10Ω	J: ±5%



Type	Dimensions: in. (mm)				
	L	C (max.)	D	d (nom.)	l
CF1/4	.240±.02 (6.1±0.5)	.280 (7.1)	.091±.012 (2.3±0.3)	.024 (0.6)	1.18±.12 (30.0±3.0)
CF1/2	.335 (8.5)	.365 (9.27)	.118±.02 (3.0±0.5)	.028 (0.7)	

For quantities greater than listed, call for quote.

KOA Series	Value Range	Watts	BULK PACKAGING				TAPE AND REEL							
			MOUSER STOCK NO.	Price Each			MOUSER STOCK NO.	Reel Quantity	Price Each					
CF1/4C	0.5-0.68	1/4	660-CF1/4C	Code	.15	.09	.08	.05	660-CF1/4CT52R	Code	5000	.007	.005	.004
CF1/4C	1.0-5.1M	1/4	660-CF1/4C	Code	.12	.01	.008	.007	660-CF1/4CT52R	Code	5000	.007	.006	.005
CF1/4C	5.6M-10M	1/4	660-CF1/4C	Code	.12	.01	.009	.008	660-CF1/4CT52R	Code	5000	.01	.009	.008
CF1/4C	11M-22M	1/4	660-CF1/4C	Code	.12	.02	.019	.016	660-CF1/4CT52R	Code	5000	.02	.019	.016
					Price Each						Price Each			
					1	100	500	1,000			4,000	8,000	12,000	
CF1/2C	0.5-0.68	1/2	660-CF1/2C	Code	.19	.16	.12	.08	660-CF1/2CT52R	Code	4000	.13	.09	.05
CF1/2C	1.0-5.1M	1/2	660-CF1/2C	Code	.19	.03	.015	.013	660-CF1/2CT52R	Code	4000	.013	.011	.009
CF1/2C	5.6M-10M	1/2	660-CF1/2C	Code	.19	.03	.015	.013	660-CF1/2CT52R	Code	4000	.02	.018	.015
CF1/2C	11M-22M	1/2	660-CF1/2C	Code	.19	.04	.036	.031	660-CF1/2CT52R	Code	4000	.04	.036	.026

### Table of Stocked Values

Value	Code	Value	Code	Value	Code	Value	Code	Value	Code	Value	Code	Value	Code	Value	Code	Value	Code	Value	Code
0.5	R50J	4.7	4R7J	27	270J	150	151J	820	821J	4.7K	472J	24K	243J	120K	124J	620K	624J	3.6M	365J
0.68	R68J	5.1	5R1J	30	300J	160	161J	910	911J	5.1K	512J	27K	273J	130K	134J	680K	684J	3.9M	395J
1.0	1R0J	5.6	5R6J	33	330J	180	181J	1K	102J	5.6K	562J	30K	303J	150K	154J	750K	754J	4.3M	435J
1.1	1R1J	6.2	6R2J	36	360J	200	201J	1.1K	112J	6.2K	622J	33K	333J	160K	164J	820K	824J	4.7M	475J
1.2	1R2J	6.8	6R8J	39	390J	220	221J	1.2K	122J	6.8K	682J	36K	363J	180K	184J	910K	914J	5.1M	515J
1.3	1R3J	7.5	7R5J	43	430J	240	241J	1.3K	132J	7.5K	752J	39K	393J	200K	204J	1M	105J	5.6M	565J
1.5	1R5J	8.2	8R2J	47	470J	270	271J	1.5K	152J	8.2K	822J	43K	433J	220K	224J	1.1M	115J	6.2M	625J
1.6	1R6J	9.1	9R1J	51	510J	300	301J	1.6K	162J	9.1K	912J	47K	473J	240K	244J	1.2M	125J	6.8M	685J
1.8	1R8J	10	100J	56	560J	330	331J	1.8K	182J	10K	103J	51K	513J	270K	274J	1.3M	135J	7.5M	755J
2.0	2R0J	11	110J	62	620J	360	361J	2K	202J	11K	113J	56K	563J	300K	304J	1.5M	155J	8.2M	825J
2.2	2R2J	12	120J	68	680J	390	391J	2.2K	222J	12K	123J	62K	623J	330K	334J	1.6M	165J	9.1M	915J
2.4	2R4J	13	130J	75	750J	430	431J	2.4K	242J	13K	133J	68K	683J	360K	364J	2M	205J	10M	106J
2.7	2R7J	15	150J	82	820J	470	471J	2.7K	272J	15K	153J	75K	753J	390K	394J	2.2M	225J	11M	116J
3.0	3R0J	16	160J	91	910J	510	511J	3K	302J	16K	163J	82K	823J	430K	434J	2.4M	245J	15M	156J
3.3	3R3J	18	180J	100	101J	560	561J	3.3K	332J	18K	183J	91K	913J	470K	474J	2.7M	275J	18M	186J
3.6	3R6J	20	200J	110	111J	620	621J	3.6K	362J	20K	203J	100K	104J	510K	514J	3M	305J	20M	206J
3.9	3R9J	22	220J	120	121J	680	681J	3.9K	392J	22K	223J	110K	114J	560K	564J	3.3M	335J	22M	226J
4.3	4R3J	24	240J	130	131J	750	751J	4.3K	432J										

