

General information

Standard series of values in a decade according to IEC 63												
E6 series:	10	15	22	33	47	68						
E12 series:	10	12	15	18	22	27	33	39	47	56	68	82
E24 series:	10	11	12	13	15	16	18	20	22	24	27	30
	33	36	39	43	47	51	56	62	68	75	82	91
E96 series:	100	102	105	107	110	113	115	118	121	124	127	130
	133	137	140	143	147	150	154	158	162	165	169	174
	178	182	187	191	196	200	205	210	215	221	226	232
	237	243	249	255	261	267	274	280	287	294	301	309
	316	324	332	340	348	357	365	374	383	392	402	412
	422	432	442	453	464	475	487	499	511	523	536	549
	562	576	590	604	619	634	649	665	681	698	715	732
	750	769	787	806	825	845	866	887	909	931	953	976

Case size dimensions

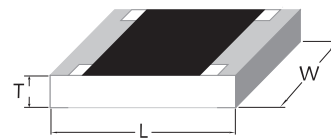
The first 8 or 9 digits of the 12 digit catalogue number are given under "Ordering information - preferred types" (see following pages).

The remaining 4 or 3 digits represent the resistance value with the last digit indicating the multiplier as shown in the table.

Example:

0,02 Ω = 0200 or 200
 0,3 Ω = 3007 or 307
 1 Ω = 1008 or 108
 33 kΩ = 3303 or 333
 10 MΩ = 1006 or 106

Last digit of 12 NC	
Resistance	Last digit
0,01 to 0,0976 Ω	0
0,1 to 0,976 Ω	7
1 to 9,76 Ω	8
10 to 97,6 Ω	9
100 to 976 Ω	1
1 to 9,76 kΩ	2
10 to 97,6 kΩ	3
100 to 976 kΩ	4
1 to 9,76 MΩ	5
10 to 68 MΩ	6



Size code	L (mm)	W (mm)	T (mm)	Mass (g)
0201	0,6	0,3	0,3	0,02
0402	1,0	0,5	0,35	0,06
0603	1,6	0,8	0,45	0,20
0805	2,0	1,25	0,55	0,55
1206	3,2	1,6	0,55	1,0
1218	3,0	4,6	0,44	3,0
2010	5,0	2,5	0,55	2,5
2512	6,4	3,1	0,55	4,25

General Purpose / Precision Resistors											
	SMD					R-Array (note)				R-network	RC-network
	Thick film										
	1206	0805	0603	0402	0201	4 x 0603	8 x 0402	4 x 0402	2 x 0402	1206	1608
5%	RC01	RC11	RC21	RC31	RC41	ARC241 ARV241	ARV381	ARC341 ARV341	ARV321	RNA310	RCB210
1% (TC200)				RC32		ARV242	ARV382		ARV322	RNA310	
1% (TC100)	RC02H	RC12H	RC22H			ARC242					
1% (TC50)	RC02G	RC12G									

TC = Temperature coefficient

Power Resistors		
P _{nom} at 70 °C	SMD	
	Thick film	
	5%	1%
0.5 W	PRC111	PRC111
	PRC111 low ohmic	PRC 111 low ohmic
1.0 W	PRC201	PRC201
	PRC201 low ohmic	PRC201 low ohmic
	PRC221	PRC221
	PRC221 low ohmic	PRC221 low ohmic
	LPRC221 low ohmic, low TC	LPRC221 low ohmic, low TC
	VPRC221	

High Precision Resistors						
		Thick film			Thin film	
		0.5%	0.25%	0.1%	0.5%	0.1%
1206	TC100		RC04H	RC05H		
	TC50	RC03G	RC04G	RC05G		
	TC25				TFR01	TFR03
0805	TC100		RC14H	RC15H		
	TC50	RC13G	RC14G	RC15G		
0603	TC100	RC23H	RC24H	RC25H		
0402	TC200	RC33				

Note: ARC : conCave type termination
ARV : conVex type termination

Application Specific Resistors			
	1206	0805	0603
High ohmic/ High voltage	HRC01	HRC11	HRC21
Low ohmic	LRC01 (5%) LRC02 (1%)	LRC11/11P LRC12/12P	
Fusible	FRC01		FRC21
Surge	SRC01		
Trimmable	RC02TR	RC12TR	RC22TR
High voltage	VRC01 (5%) VRC02 (1%)		
NiAu - termination *	RC01 RC02H		RC21 RC22H

* = Special termination for hybrid board gluing /
replace AgPd termination

Product selection chart

General Purpose and Precision

General purpose and Precision											
Series	RC01	RC02G	RC02H	RC11	RC12G	RC12H	RC21	RC22H	RC31	RC32	RC41
Case size	1206			0805			0603		0402		0201
Tolerance	5%	1%		5%	1%		5%	1%	5%	1%	5%
Power P ₇₀	0.25 W			0.125 W			0.1 W		0.063 W		0.05 W
Temp range (°C)	-55 to 155			-55 to 155			-55 to 155		-55 to 125		-55 to 125
U _{max}	200 V			150 V			50 V		50 V		15 V
E-Series	E24	E24/E96		E24	E24/E96		E24	E24/E96	E24	E24/E96	E24
Resistance range including temperature coefficient (TC)											
0 Ω	jumper			jumper			jumper			jumper	jumper
0.1 Ω											
1 Ω	1 Ω	1 Ω		1 Ω	1 Ω		1 Ω	1 Ω	1 Ω	1 Ω	1 Ω
10 Ω	TC 0/+500	TC 0/+500		TC 0/+500	TC 0/+500		TC 0/+500	TC 0/+500	TC 0/+500	TC 0/+500	TC 0/+500
100 Ω	90 Ω		90 Ω		90 Ω		90 Ω		90 Ω		TC 0/+500
1 kΩ											
10 kΩ	TC 200	TC 50	TC 100	TC 200	TC 50	TC 100	TC 200	TC 200	TC 200	TC 200	TC 250
100 kΩ											
1 MΩ											
10 MΩ	2.74 MΩ		2.74 MΩ		2.74 MΩ		2.74 MΩ		2.74 MΩ		1 MΩ
100 MΩ	10 MΩ	10 MΩ		10 MΩ	10 MΩ		10 MΩ	10 MΩ	10 MΩ	10 MΩ	10 MΩ
Remarks											

Ordering information - preferred types

Series	RC01	RC02G	RC02H	RC11	RC12G	RC12H	RC21	RC22H	RC31	RC32	RC41
Range	E24 5% 1 Ω-10 MΩ	E24/E96 1% 90 Ω-2.74 MΩ	E24/E96 1% 1 Ω-10 MΩ	E24 5% 1 Ω-10 MΩ	E24/E96 1% 90 Ω-2.74 MΩ	E24/E96 1% 1 Ω-10 MΩ	E24 5% 1 Ω-10 MΩ	E24/E96 1% 1 Ω-10 MΩ	E24 5% 1 Ω-10 MΩ	E24/E96 1% 1 Ω-10 MΩ	E24 5% 10 Ω-1 MΩ
Packing	paper tape	paper tape	paper tape	paper tape	paper tape	paper tape	paper tape	paper tape	paper tape	paper tape	paper tape
Quantity	5 000	2322 711 61...	2322 722 2....	2322 724 6....	2322 730 61...	2322 732 6....	2322 734 6....	2322 702 60...	2322 704 6....	---	---
	10 000	2322 711 51...	2322 722 3....	2322 724 7....	2322 730 71...	2322 732 7....	2322 734 7....	2322 702 70...	2322 704 7....	2322 705 70...	2322 706 7....
	20 000	2322 711 81...	---	2322 724 8....	2322 730 81...	---	2322 734 8....	2322 702 81...	2322 704 8....	---	---
	50 000	---	---	---	---	---	---	---	---	2322 705 87...	2322 706 8....
Jumper	5 000	2322 711 91032	---	2322 724 92006	2322 730 91002	---	2322 734 92006	2322 702 96001	2322 704 92006	---	---
	10 000	2322 711 91005	---	2322 724 92007	2322 730 91003	---	2322 734 92007	2322 702 97001	2322 704 92007	2322 705 91001	---
	20 000	2322 711 92004	---	---	2322 730 92002	---	---	2322 702 92002	---	---	2322 803 91001
	50 000	---	---	---	---	---	---	---	---	2322 705 91007	---
Note	See page 80 for E24/E96 values, the last 4 or 3 digits of the catalogue number and size information										

Product selection chart

High Precision

High precision										
Series	RC03G	RC04G	RC04H	RC05G	RC05H	RC13G	RC14G	RC14H	RC15G	RC15H
Case size	1206					0805				
Tolerance	0.5%	0.25%		0.1%		0.5%	0.25%		0.1%	
Power P ₇₀	0.25 W	0.125 W			0.125 W		0.10 W			
Temp range (°C)	-55 to 125					-55 to 125				
U _{max}	200 V					150 V				
E-Series	E24/E96					E24/E96				
Resistance range including temperature coefficient (TC)										
0 Ω										
0.1 Ω										
1 Ω										
10 Ω										
100 Ω	90 Ω TC 100 250 Ω	90 Ω	100 Ω	90 Ω	100 Ω	90 Ω	90 Ω	100 Ω	90 Ω	100 Ω
1 kΩ										
10 kΩ	TC 50	TC 50	TC 100	TC 50	TC 100	TC 50	TC 50	TC 100	TC 50	TC 100
100 kΩ										
1 MΩ										
10 MΩ	2.74 MΩ	2.74 MΩ	1 MΩ	2.74 MΩ	1 MΩ	2.74 MΩ	2.74 MΩ	1 MΩ	2.74 MΩ	1 MΩ
100 MΩ										
Remarks	thick-film technology									
Ordering information - preferred types										
Series	RC03G	RC04G	RC04H	RC05G	RC05H	RC13G	RC14G	RC14H	RC15G	RC15H
Range	E24/E96 0.5% 90 Ω-2.74 MΩ	E24/E96 0.25% 90 Ω-2.74 MΩ	E24/E96 0.25% 100 Ω-1 MΩ	E24/E96 0.1% 90 Ω-2.74 MΩ	E24/E96 0.1% 100 Ω-1 MΩ	E24/E96 0.5% 90 Ω-2.74 MΩ	E24/E96 0.25% 90 Ω-2.74 MΩ	E24/E96 0.25% 100 Ω-1 MΩ	E24/E96 0.1% 90 Ω-2.74 MΩ	E24/E96 0.1% 100 Ω-1 MΩ
Packing	paper tape	paper tape	paper tape	paper tape	paper tape	paper tape	paper tape	paper tape	paper tape	paper tape
Quantity 5 000	2322 725 2.....	2322 707 2.....	2350 541 0.....	2322 708 2.....	2350 542 0.....	2322 738 2.....	2322 709 2.....	2350 544 0.....	2322 710 2.....	2350 545 0.....
Note	See page 80 for E24/E96 values, the last 4 or 3 digits of the catalogue number and size information									

Product selection chart

High Precision / High Precision – High Stability

Series	High precision				High Precision – High stability	
	RC23H	RC24H	RC25H	RC33	TFR01	TFR03
Case size	0603			0402	1206	
Tolerance	0.5 %	0.25 %	0.1 %	0.5 %	0.5 %	0.1 %
Power P ₇₀	0.063 W			0.063 W	0.125 W	
Temp range (°C)	-55 to 125			-55 to 125	-55 to 125	
U _{max}	50 V			50 V	100 V	
E-Series	E24/E96			E24/E96	E24/E96	
Resistance range including temperature coefficient (TC)						
0 Ω						
0.1 Ω						
1 Ω						
10 Ω						
100 Ω	100 Ω	100 Ω	100 Ω	100 Ω	100 Ω	100 Ω
1 kΩ					TC 25	TC 25
10 kΩ	TC 100	TC 100	TC 100	TC 200		
100 kΩ					10 kΩ	10 kΩ
1 MΩ	1 MΩ	1 MΩ	1 MΩ	1 MΩ		
10 MΩ						
100 MΩ						
Remarks	thick-film technology				thin-film technology	

Ordering information - preferred types

Series	RC23H	RC24H	RC25H	RC33	TFR01	TFR03
Range	E24/E96	E24/E96	E24/E96	E24/E96	E96	E96
	0.5 %	0.25 %	0.1 %	0.5 %	0.5 %	0.1 %
	100 Ω-1 MΩ	100 Ω-1 MΩ	100 Ω-1 MΩ	100 Ω-1 MΩ	100 Ω-1 kΩ	100 Ω-1 kΩ
Packing	paper tape	paper tape	paper tape	paper tape	paper tape	paper tape
Quantity 5 000	2350 546 0....	2350 547 0....	2350 548 0....	---	2350 611 6....	2350 611 4....
10 000	---	---	---	2350 549 7....	---	---
Note	See page 80 for E24/E96 values, the last 4 or 3 digits of the catalogue number and size information					

Product selection chart

Arrays

Arrays											
Series	ARC241	ARV241	ARC242	ARV242	ARV321	ARV322	ARC341	ARV341	ARV381	ARV382	
Case size	4 x 0603 (3.2 x 1.6 mm)				2 x 0402 (1.0 x 1.0 mm)		4 x 0402 (2.0 x 1.0 mm)		8 x 0402 (4.0 x 1.6 mm)		
Tolerance	5%		1%		5%	1%	5%		5%	1%	
Power P ₇₀	0.063 W				0.063 W		0.063 W		0.063 W		
Temp range (°C)	-55 to 155				-55 to 125		-55 to 125		-55 to 125		
U _{max}	50 V				50 V		50 V		25 V		
E-Series	E24		E96		E24	E96	E24		E24		
Resistance range including temperature coefficient (TC)	0 Ω	jumper	jumper			jumper		jumper	jumper		
	0.1 Ω										
	1 Ω										
	10 Ω	10 Ω	10 Ω	10 Ω	10 Ω	10 Ω	10 Ω	10 Ω	10 Ω	10 Ω	
	100 Ω										
	1 kΩ	TC 200	TC 200	TC 100	TC 200	TC 200	TC 200	TC 200	TC 300	TC 200	TC 200
	10 kΩ										
	100 kΩ								100 kΩ	100 kΩ	
	1 MΩ	1 MΩ	1 MΩ	1 MΩ	1 MΩ	1 MΩ	1 MΩ	1 MΩ			
	10 MΩ										
100 MΩ											
Remarks	Concave terminations	Convex terminations	Concave terminations	Convex terminations	Convex terminations	Convex terminations	Concave terminations	Convex terminations	Convex terminations	Convex terminations	
Ordering information - preferred types											
Series	ARC241	ARV241	ARC242	ARV242	ARV321	ARV322	ARC341	ARV341	ARV381	ARV382	
Range	E24 5% 10 Ω-1 MΩ	E24 5% 10 Ω-1 MΩ	E96 1% 10 Ω-1 MΩ	E24/E96 1% 10 Ω-1 MΩ	E24 5% 10 Ω-1 MΩ	E24/E96 1% 10 Ω-1 MΩ	E24 5% 10 Ω-1 MΩ	E24 5% 10 Ω-1 MΩ	E24 5% 10 Ω-100 kΩ	E24 1% 10 Ω-100 kΩ	
Packing	paper tape	paper tape	paper tape	paper tape	paper tape	paper tape	paper tape	paper tape	paper tape	paper tape	
Quantity 5 000	2350 034 10...	2350 035 10...	2350 024 1...	2350 025 1...	---	---	2350 032 10...	2350 033 10...	2350 053 10...	2350 043 1...	
10 000	---	---	---	---	2350 013 11...	2350 013 2...	2350 032 11...	2350 033 11...	---	---	
5 000	2350 034 91001	2350 035 91001	---	---	2350 013 91002	---	---	2350 033 91002	2350 053 91001	---	
Jumper 10 000	---	---	---	---	2350 013 91001	---	---	2350 033 91001	---	---	
Note	See page 80 for E24/E96 values, the last 4 or 3 digits of the catalogue number and size information										

Product selection chart

R-Networks / RC-Network

	R-Networks		RC-Network
Series	RNA310	RNA310	RCB210
Case size	8R-network (3.3 x 1.6 mm)		RC-network (5.1 x 3.4mm)
Tolerance	5%	1%	5%
Power P ₇₀	0.031 W		0.063 W
Temp range (°C)	-55 to 125		-25 to 85
U _{max}	25 V		25 V
E-Series	E24	E24/E96	E6
Resistance range including temperature coefficient (TC)			
0 Ω	jumper		
0.1 Ω			
1 Ω			
10 Ω	10 Ω TC 0/+500	10 Ω TC 0/+500	10 Ω
100 Ω			TC 200
1 kΩ	TC 200	TC 200	1kΩ
10 kΩ			
100 kΩ	100 kΩ	100 kΩ	
1 MΩ			
10 MΩ			
100 MΩ			
Remarks	Convex terminations		Concave terminations

Ordering information - preferred types

	RNA310	RNA310	RCB210
Series	RNA310	RNA310	RCB210
Range	E24 5% 10 Ω - 100 kΩ	E24/E96 1% 10 Ω - 100 kΩ	E6 5% 10 Ω - 1 kΩ
Packing	paper tape	paper tape	blister tape
Quantity 4 000	---	---	2350 321 (*)
5 000	2350 230 10...	2350 230 2....	---
Jumper 5 000	2350 230 91001	---	---
Note	See page 80 for E24/E96 values, the last 4 or 3 digits of the catalogue number and size information (**) see for last 5 digits (R-value/C-value) in datasheet)		

Product selection chart

Power / Power, Low Ohmic

Series	Power						Power - low ohmic								
	PRC111		PRC201		PRC221		PRC111		PRC201		PRC221				
Case size	2010		1218		2512		2010		1218		2512				
Tolerance	5%	1%	5%	1%	5%	1%	5%	1%	5%	1%	5%	1%			
Power P ₇₀	0,5W		1,0 W		1,0 W		0,5 W		1,0 W		1,0 W				
Temp range (°C)	-55 to 125		-55 to 125		-55 to 125		-55 to 125		-55 to 125		-55 to 125				
U _{max}	200 V		200 V		250 V		200 V		200 V		250 V				
E-Series	E24	E96	E24	E96	E24	E96	E24	E96	E24	E96	E24	E96			
Resistance range including temperature coefficient (TC)	0 Ω	jumper				jumper		0.01 Ω	0.02 Ω	0.01 Ω	0.05 Ω	0.01 Ω	0.05 Ω		
	0.1 Ω							TC 2000 to TC 300	TC 2000 to TC 300	TC 2000 to TC 250	TC 2000 to TC 250	TC 1500 to TC 75	TC 2000 to TC 300		
	1 Ω	1 Ω	1 Ω	1 Ω	1 Ω	1 Ω									
	10 Ω	TC 300	TC 300	TC 200	TC 200	TC 300	TC 300	0.976 Ω		0.976 Ω		0.976 Ω		0.976 Ω	
		TC 200	TC 200			TC 200	TC 200								
	100 Ω	TC 100	TC 100	TC 100	TC 100	TC 100	TC 100								
	1 kΩ														
	10 kΩ														
	100 kΩ														
	1 MΩ														
	10 MΩ	TC 200	TC 200	1 MΩ	1 MΩ	TC 200	TC 200								
		10 MΩ	10 MΩ			10 MΩ	10 MΩ								
	100 MΩ														
SURGE POWER ON REQUEST															
Remarks			Termination on the long side improve heat transfer and reduce stresses						Termination on the long side improve heat transfer and reduce stresses						

Ordering information - preferred types

Series	PRC111		PRC201		PRC221		PRC111		PRC201		PRC221	
Range	E24 5%	E96 1%	E24 5%	E96 1%	E24 5%	E96 1%	E24 5%	E24/E96 1%	E24 5%	E24/E96 1%	E24 5%	E24/E96 1%
Packing	blister tape	blister tape	blister tape	blister tape	blister tape	blister tape	blister tape	blister tape	blister tape	blister tape	blister tape	blister tape
Quantity	4 000	5 000	4 000	5 000	4 000	5 000	4 000	5 000	4 000	5 000	4 000	5 000
Jumper	4 000	5 000	4 000	5 000	4 000	5 000	4 000	5 000	4 000	5 000	4 000	5 000
Note	See page 80 for E24/E96 values, the last 4 or 3 digits of the catalogue number and size information											

Product selection chart

Power, Low Ohmic, Low TC / High Voltage

	Power – low ohmic – low TC		High voltage		
Series	LPRC221		VPRC221	VRC01	VRC02
Case size	2512		2512	1206	
Tolerance	5%	1%	5%	5%	1%
Power P ₇₀	1,0 W		1,0 W	0,25 W	
Temp range (°C)	-55 to 125		-55 to 125	-55 to 125	
U _{max}	250 V		250 V	400 V	
E-Series	all series	all series	E24	E24	E96
Resistance range including temperature coefficient (TC)					
0 Ω	0.02 Ω	0.02 Ω			
0.1 Ω	TC 300	TC 300			
	TC 200	TC 200			
1 Ω	0.100 Ω	0.100 Ω			
10 Ω					
100 Ω					
1 kΩ					
10 kΩ					
100 kΩ				100 kΩ	100 kΩ
1 MΩ			4.7 MΩ	TC 300	TC 300
10 MΩ			TC 200		
100 MΩ			16 MΩ	27 MΩ	10 MΩ
Remarks	Special Resistor material for low TC		Max. overload voltage 2500V for 1 min.	Max. overload voltage 400V for 1 min.	

Ordering information - preferred types

	LPRC221		VPRC221	VRC01	VRC02
Series	all series	all series	E24	E24	E96
Range	5% 0.020 Ω-0.100 Ω	1% 0.020 Ω-0.100 Ω	5% 4.7 MΩ-16 MΩ	5% 100 kΩ-27 MΩ	1% 100 kΩ-10 MΩ
Packing	blister tape	blister tape	blister tape	paper tape	paper tape
Quantity	4 000 2322 802 60...0/60107	5 000 2322 802 7...0/71007	2322 762 98...	---	---
	---	---	---	2322 790 61...	2322 791 6...
Note	See page 80 for E24/E96 values, the last 4 or 3 digits of the catalogue number and size information				

Product selection chart

High Ohmic / Low Ohmic

	High ohmic			Low ohmic					
Series	HRC01	HRC11	HRC21	LRC01	LRC02	LRC11	LRC12	LRC11P	LRC12P
Case size	1206	0805	0603	1206		0805		0805	
Tolerance	5%	5%	5%	5%	1%	5%	1%	5%	1%
Power P ₇₀	0.25 W	0.125 W	0.1 W	0.25 W		0.125 W	0.1 W	0.25 W	
Temp range (°C)	-55 to 125	-55 to 125	-55 to 155	-55 to 125		-55 to 125		-55 to 125	
U _{max}	200 V	150 V	50 V	200 V		150 V		150 V	
E-Series	E24	E24	E24	E24	E96	E24	E96	E24	E96
Resistance range including temperature coefficient (TC)									
0 Ω				0.02 Ω	0.02 Ω	0.02 Ω	0.02 Ω	0.02 Ω	0.02 Ω
0.1 Ω				TC 1500 to TC 75	TC 1500 to TC 75	TC 1500 to TC 75	TC 1500 to TC 75	TC 1500 to TC 75	TC 1500 to TC 75
1 Ω				0.976 Ω	0.976 Ω	0.976 Ω	0.976 Ω	0.976 Ω	0.976 Ω
10 Ω									
100 Ω									
1 kΩ									
10 kΩ									
100 kΩ									
1 MΩ									
10 MΩ	11 MΩ	11 MΩ	11 MΩ						
	TC 250	TC 300	TC 300						
100 MΩ	30 MΩ	30 MΩ	22 MΩ						
Remarks									
Ordering information									
Series	HRC01	HRC11	HRC21	LRC01	LRC02	LRC11	LRC12	LRC11P	LRC12P
Range	E24 5% 11 MΩ-30 MΩ	E24 5% 11 MΩ-30 MΩ	E24 5% 11 MΩ-22 MΩ	E24 5% 0.02 Ω-0.976 Ω	E96 1% 0.02 Ω-0.976 Ω	E24 5% 0.02 Ω-0.976 Ω	E96 1% 0.02 Ω-0.976 Ω	E24 5% 0.02 Ω-0.976 Ω	E96 1% 0.02 Ω-0.976 Ω
Packing	paper tape	paper tape	paper tape	paper tape	paper tape	paper tape	paper tape	paper tape	paper tape
Quantity 5 000	2350 520 10...	2350 521 10...	2350 522 10...	2350 510 10...	2350 510 12...	2350 511 10...	2350 510 12...	2350 511 15...	2350 511 17...
Note	See page 80 for E24/E96 values, the last 4 or 3 digits of the catalogue number and size information								

Product selection chart

Trimable / Surge / Fusible / NiAu Termination

	Trimable			Surge	Fusible		NiAu termination			
Series	RC02TR	RC12TR	RC22TR	SRC01	FRC01	FRC21	RC01	RC02H	RC21	RC22H
Case size	1206	0805	0603	1206	1206	0603	1206		0603	
Tolerance				5%	5%	5%	5%	1%	5%	1%
Power P ₇₀	0.25 W	0.125 W	0.063 W	0.25 W	0.125 W	0.063 W	0.25 W		0.063 W	
Temp range (°C)	-55 to 155	-55 to 155	-55 to 125	-55 to 155	-55 to 125	-55 to 155	-55 to 155		-55 to 155	
U _{max}	200 V	150 V	50 V	200 V	200 V	50 V	200 V		50 V	
E-Series	E24	E24	E24	E24	E24/E96	E24	E24	E24/E96	E24	E96
Resistance range including temperature coefficient (TC)										
0 Ω										
0.1 Ω										
1 Ω	1 Ω	1 Ω	1 Ω	1 Ω	1 Ω	1 Ω	1 Ω	1 Ω	1 Ω	1 Ω
10 Ω	TC 0/+500	TC 0/+500	TC 0/+500		TC 250 4.7 Ω	TC 0/+500 10 Ω	TC 0/+500	TC 0/+500	TC 0/+500	TC 0/+500
100 Ω					TC 200	TC 200				
1 kΩ	TC 100	TC 100	TC 100	TC 200	510 Ω	240 Ω	TC 200	TC 200	TC 200	TC 200
10 kΩ										
100 kΩ				100 kΩ						
1 MΩ										
10 MΩ	TC 200	TC 200	TC 200							
100 MΩ	10 MΩ	10 MΩ	10 MΩ				10 MΩ	10 MΩ	10 MΩ	10 MΩ
	for Europe code numbers on request									
Remarks	tolerance 0 / -20% 0 / -30%				non flammable specified interruptions		Special termination for hybrid board gluing / replace AgPd termination			

Ordering information

Series	RC02TR	RC12TR	RC22TR	SRC01	FRC01	FRC21	RC01	RC02H	RC21	RC22H
Range	E24 1 Ω-10 MΩ	E24 1 Ω-10 MΩ	E24 1 Ω-10 MΩ	E24 5% 1 Ω-100 kΩ	E24/E96 5% 1 Ω-510 Ω	E24 5% 1 Ω-240 Ω	E24 5% 1 Ω-10 MΩ	E24/E96 1% 1 Ω-10 MΩ	E24 5% 1 Ω-10 MΩ	E96 1% 1 Ω-10 MΩ
Packing	paper tape	paper tape	paper tape	paper tape	paper tape	paper tape	paper tape	paper tape	paper tape	paper tape
Quantity 5 000	on request	on request	on request	2350 550 10...	2322 750 6...	2322 756 60...	2322 711 11...	2322 729 1...	2322 702 11...	2322 704 1...
10 000	---	---	---	---	---	---	---	---	2322 702 12...	---
Note	See page 80 for E24/E96 values, the last 4 or 3 digits of the catalogue number and size information									

Product selection chart

R-Chip Engineering Design Kits (Binders)

Sample kit data					
Phycomp order code: 3322 073	30092	30095	30093	30096	30094
Type	RC01	RC01	RC11	RC11	RC21
Size	1206	1206	0805	0805	0603
Series	E6+0R	E24+0R	E6+0R	E24+0R	E6+0R
Resistor Range	1 Ω - 10 MΩ	1 Ω - 10 MΩ	1 Ω - 10 MΩ	1 Ω - 10 MΩ	1 Ω - 10 MΩ
Resistance Values	38	170	38	170	38
Resistor pieces	50	50	50	50	50
Maximum Wattage	1/4 W	1/4 W	1/10 W	1/10 W	1/16 W
Temp Coeff (ppm)	± 200	± 200	± 200	± 200	± 200
Maximum Voltage	200	200	150	150	50
Sample kit data					
Phycomp order code: 3322 073	30098	30099	30101	30111	30107
Type	RC02H	RC12H	RC22H	RC22H	RC32H
Size	1206	0805	0603	0603	0402
Series	E24+0R	E24+0R	E24+0R	E96	E12+0R
Resistor Range	1 Ω - 10 MΩ	1 Ω - 10 MΩ	1 Ω - 10 MΩ	1 Ω - 10 MΩ	10 Ω - 1 MΩ
Resistance Values	170	170	170	658	62
Resistor pieces	50	50	50	50	100
Maximum Wattage	1/4 W	1/10 W	1/16 W	1/16 W	1/16 W
Temp Coeff (ppm)	± 100	± 100	± 100	± 100	± 200
Maximum Voltage	200	150	50	50	50
Sample kit data					
Phycomp order code: 3322 073	30097	30104	30105	30106	
Type	RC21	RC31	RC31	RC31	
Size	0603	0402	0402	0402	
Series	E24+0R	E12+0R	E24-E12	E24+0R	
Resistor Range	1 Ω - 10 MΩ	10 Ω - 2M2 Ω	10 Ω - 2M2 Ω	10 Ω - 2M2 Ω	
Resistance Values	170	62	62	122	
Resistor pieces	50	100	100	100	
Maximum Wattage	1/16 W	1/16 W	1/16 W	1/16 W	
Temp Coeff (ppm)	± 200	± 200	± 200	± 200	
Maximum Voltage	50	50	50	50	
Sample kit data					
Phycomp order code: 3322 073	30108	30109	30102	30103	
Type	RC32H	RC32H	ARC241	ARC241	
Size	0402	0402	0603X4	0603X4	
Series	E24-E12	E24+0R	E6+0R	E12+0R	
Resistor Range	10 Ω - 1 MΩ	10 Ω - 1 MΩ	10 Ω - 1 MΩ	10 Ω - 1 MΩ	
Resistance Values	61	122	32	62	
Resistor pieces	100	100	50	50	
Maximum Wattage	1/16 W	1/16 W	1/16 W	1/16 W	
Temp Coeff (ppm)	± 200	± 200	± 200	± 200	
Maximum Voltage	50	50	50	50	