

RS_Stock_No: 123-762

RMC1/16S KITS



Package / Case (Inch) 0402
 Tolerance $\pm 1\%$
 Power Rating 0.1 W
 Number of each resistor 200

No	Manufacturer part number	Resistance
1	RMC1/16SJPTH	0 Ω
2	RMC1/16S-1R0FTH	1 Ω
3	RMC1/16S-1R1FTH	1.1 Ω
4	RMC1/16S-1R2FTH	1.2 Ω
5	RMC1/16S-1R3FTH	1.3 Ω
6	RMC1/16S-1R5FTH	1.5 Ω
7	RMC1/16S-1R6FTH	1.6 Ω
8	RMC1/16S-1R8FTH	1.8 Ω
9	RMC1/16S-2R0FTH	2 Ω
10	RMC1/16S-2R2FTH	2.2 Ω
11	RMC1/16S-2R4FTH	2.4 Ω
12	RMC1/16S-2R7FTH	2.7 Ω
13	RMC1/16S-3R0FTH	3 Ω
14	RMC1/16S-3R3FTH	3.3 Ω
15	RMC1/16S-3R6FTH	3.6 Ω
16	RMC1/16S-3R9FTH	3.9 Ω
17	RMC1/16S-4R3FTH	4.3 Ω
18	RMC1/16S-4R7FTH	4.7 Ω
19	RMC1/16S-5R1FTH	5.1 Ω
20	RMC1/16S-5R6FTH	5.6 Ω
21	RMC1/16S-6R2FTH	6.2 Ω
22	RMC1/16S-6R8FTH	6.8 Ω
23	RMC1/16S-7R5FTH	7.5 Ω
24	RMC1/16S-8R2FTH	8.2 Ω
25	RMC1/16S-9R1FTH	9.1 Ω
26	RMC1/16SK100FTH	10 Ω
27	RMC1/16SK110FTH	11 Ω
28	RMC1/16SK120FTH	12 Ω
29	RMC1/16SK130FTH	13 Ω
30	RMC1/16SK150FTH	15 Ω
31	RMC1/16SK160FTH	16 Ω
32	RMC1/16SK180FTH	18 Ω
33	RMC1/16SK200FTH	20 Ω
34	RMC1/16SK220FTH	22 Ω
35	RMC1/16SK240FTH	24 Ω
36	RMC1/16SK270FTH	27 Ω
37	RMC1/16SK300FTH	30 Ω
38	RMC1/16SK330FTH	33 Ω
39	RMC1/16SK360FTH	36 Ω
40	RMC1/16SK390FTH	39 Ω
41	RMC1/16SK430FTH	43 Ω
42	RMC1/16SK470FTH	47 Ω
43	RMC1/16SK510FTH	51 Ω
44	RMC1/16SK560FTH	56 Ω
45	RMC1/16SK620FTH	62 Ω
46	RMC1/16SK680FTH	68 Ω
47	RMC1/16SK750FTH	75 Ω
48	RMC1/16SK820FTH	82 Ω
49	RMC1/16SK910FTH	91 Ω
50	RMC1/16SK101FTH	100 Ω
51	RMC1/16SK111FTH	110 Ω
52	RMC1/16SK121FTH	120 Ω
53	RMC1/16SK131FTH	130 Ω
54	RMC1/16SK151FTH	150 Ω
55	RMC1/16SK161FTH	160 Ω
56	RMC1/16SK181FTH	180 Ω
57	RMC1/16SK201FTH	200 Ω
58	RMC1/16SK221FTH	220 Ω
59	RMC1/16SK241FTH	240 Ω
60	RMC1/16SK271FTH	270 Ω
61	RMC1/16SK301FTH	300 Ω
62	RMC1/16SK331FTH	330 Ω
63	RMC1/16SK361FTH	360 Ω
64	RMC1/16SK391FTH	390 Ω
65	RMC1/16SK431FTH	430 Ω

No	Manufacturer part number	Resistance
66	RMC1/16SK471FTH	470 Ω
67	RMC1/16SK511FTH	510 Ω
68	RMC1/16SK561FTH	560 Ω
69	RMC1/16SK621FTH	620 Ω
70	RMC1/16SK681FTH	680 Ω
71	RMC1/16SK751FTH	750 Ω
72	RMC1/16SK821FTH	820 Ω
73	RMC1/16SK911FTH	910 Ω
74	RMC1/16SK102FTH	1 k Ω
75	RMC1/16SK112FTH	1.1 k Ω
76	RMC1/16SK122FTH	1.2 k Ω
77	RMC1/16SK132FTH	1.3 k Ω
78	RMC1/16SK152FTH	1.5 k Ω
79	RMC1/16SK162FTH	1.6 k Ω
80	RMC1/16SK182FTH	1.8 k Ω
81	RMC1/16SK202FTH	2 k Ω
82	RMC1/16SK222FTH	2.2 k Ω
83	RMC1/16SK242FTH	2.4 k Ω
84	RMC1/16SK272FTH	2.7 k Ω
85	RMC1/16SK302FTH	3 k Ω
86	RMC1/16SK332FTH	3.3 k Ω
87	RMC1/16SK362FTH	3.6 k Ω
88	RMC1/16SK392FTH	3.9 k Ω
89	RMC1/16SK432FTH	4.3 k Ω
90	RMC1/16SK472FTH	4.7 k Ω
91	RMC1/16SK512FTH	5.1 k Ω
92	RMC1/16SK562FTH	5.6 k Ω
93	RMC1/16SK622FTH	6.2 k Ω
94	RMC1/16SK682FTH	6.8 k Ω
95	RMC1/16SK752FTH	7.5 k Ω
96	RMC1/16SK822FTH	8.2 k Ω
97	RMC1/16SK912FTH	9.1 k Ω
98	RMC1/16SK103FTH	10 k Ω
99	RMC1/16SK113FTH	11 k Ω
100	RMC1/16SK123FTH	12 k Ω
101	RMC1/16SK133FTH	13 k Ω
102	RMC1/16SK153FTH	15 k Ω
103	RMC1/16SK163FTH	16 k Ω
104	RMC1/16SK183FTH	18 k Ω
105	RMC1/16SK203FTH	20 k Ω
106	RMC1/16SK223FTH	22 k Ω
107	RMC1/16SK243FTH	24 k Ω
108	RMC1/16SK273FTH	27 k Ω
109	RMC1/16SK303FTH	30 k Ω
110	RMC1/16SK333FTH	33 k Ω
111	RMC1/16SK363FTH	36 k Ω
112	RMC1/16SK393FTH	39 k Ω
113	RMC1/16SK433FTH	43 k Ω
114	RMC1/16SK473FTH	47 k Ω
115	RMC1/16SK513FTH	51 k Ω
116	RMC1/16SK563FTH	56 k Ω
117	RMC1/16SK623FTH	62 k Ω
118	RMC1/16SK683FTH	68 k Ω
119	RMC1/16SK753FTH	75 k Ω
120	RMC1/16SK823FTH	82 k Ω
121	RMC1/16SK913FTH	91 k Ω
122	RMC1/16SK104FTH	100 k Ω
123	RMC1/16SK114FTH	110 k Ω
124	RMC1/16SK124FTH	120 k Ω
125	RMC1/16SK134FTH	130 k Ω
126	RMC1/16SK154FTH	150 k Ω
127	RMC1/16SK164FTH	160 k Ω
128	RMC1/16SK184FTH	180 k Ω
129	RMC1/16SK204FTH	200 k Ω
130	RMC1/16SK224FTH	220 k Ω

No	Manufacturer part number	Resistance
131	RMC1/16SK244FTH	240 k Ω
132	RMC1/16SK274FTH	270 k Ω
133	RMC1/16SK304FTH	300 k Ω
134	RMC1/16SK334FTH	330 k Ω
135	RMC1/16SK364FTH	360 k Ω
136	RMC1/16SK394FTH	390 k Ω
137	RMC1/16SK434FTH	430 k Ω
138	RMC1/16SK474FTH	470 k Ω
139	RMC1/16SK514FTH	510 k Ω
140	RMC1/16SK564FTH	560 k Ω
141	RMC1/16SK624FTH	620 k Ω
142	RMC1/16SK684FTH	680 k Ω
143	RMC1/16SK754FTH	750 k Ω
144	RMC1/16SK824FTH	820 k Ω
145	RMC1/16SK914FTH	910 k Ω
146	RMC1/16SK105FTH	1 M Ω
147	RMC1/16S-115FTH	1.1 M Ω
148	RMC1/16S-125FTH	1.2 M Ω
149	RMC1/16S-135FTH	1.3 M Ω
150	RMC1/16S-155FTH	1.5 M Ω
151	RMC1/16S-165FTH	1.6 M Ω
152	RMC1/16S-185FTH	1.8 M Ω
153	RMC1/16S-205FTH	2 M Ω
154	RMC1/16S-225FTH	2.2 M Ω
155	RMC1/16S-245FTH	2.4 M Ω
156	RMC1/16S-275FTH	2.7 M Ω
157	RMC1/16S-305FTH	3 M Ω
158	RMC1/16S-335FTH	3.3 M Ω
159	RMC1/16S-365FTH	3.6 M Ω
160	RMC1/16S-395FTH	3.9 M Ω
161	RMC1/16S-435FTH	4.3 M Ω
162	RMC1/16S-475FTH	4.7 M Ω
163	RMC1/16S-515FTH	5.1 M Ω
164	RMC1/16S-565FTH	5.6 M Ω
165	RMC1/16S-625FTH	6.2 M Ω
166	RMC1/16S-685FTH	6.8 M Ω
167	RMC1/16S-755FTH	7.5 M Ω
168	RMC1/16S-825FTH	8.2 M Ω
169	RMC1/16S-915FTH	9.1 M Ω
170	RMC1/16S-106FTH	10 M Ω

RS_Stock_No: 123-756

RMC1/16 KITS



Package / Case (Inch) 0603
 Tolerance $\pm 1\%$
 Power Rating 0.1 W
 Number of each resistor 100

No	Manufacturer part number	Resistance
1	RMC1/16JPTP	0 Ω
2	RMC1/16-1R0FTP	1 Ω
3	RMC1/16-1R1FTP	1.1 Ω
4	RMC1/16-1R2FTP	1.2 Ω
5	RMC1/16-1R3FTP	1.3 Ω
6	RMC1/16-1R5FTP	1.5 Ω
7	RMC1/16-1R6FTP	1.6 Ω
8	RMC1/16-1R8FTP	1.8 Ω
9	RMC1/16-2R0FTP	2 Ω
10	RMC1/16-2R2FTP	2.2 Ω
11	RMC1/16-2R4FTP	2.4 Ω
12	RMC1/16-2R7FTP	2.7 Ω
13	RMC1/16-3R0FTP	3 Ω
14	RMC1/16-3R3FTP	3.3 Ω
15	RMC1/16-3R6FTP	3.6 Ω
16	RMC1/16-3R9FTP	3.9 Ω
17	RMC1/16-4R3FTP	4.3 Ω
18	RMC1/16-4R7FTP	4.7 Ω
19	RMC1/16-5R1FTP	5.1 Ω
20	RMC1/16-5R6FTP	5.6 Ω
21	RMC1/16-6R2FTP	6.2 Ω
22	RMC1/16-6R8FTP	6.8 Ω
23	RMC1/16-7R5FTP	7.5 Ω
24	RMC1/16-8R2FTP	8.2 Ω
25	RMC1/16-9R1FTP	9.1 Ω
26	RMC1/16K100FTP	10 Ω
27	RMC1/16K110FTP	11 Ω
28	RMC1/16K120FTP	12 Ω
29	RMC1/16K130FTP	13 Ω
30	RMC1/16K150FTP	15 Ω
31	RMC1/16K160FTP	16 Ω
32	RMC1/16K180FTP	18 Ω
33	RMC1/16K200FTP	20 Ω
34	RMC1/16K220FTP	22 Ω
35	RMC1/16K240FTP	24 Ω
36	RMC1/16K270FTP	27 Ω
37	RMC1/16K300FTP	30 Ω
38	RMC1/16K330FTP	33 Ω
39	RMC1/16K360FTP	36 Ω
40	RMC1/16K390FTP	39 Ω
41	RMC1/16K430FTP	43 Ω
42	RMC1/16K470FTP	47 Ω
43	RMC1/16K510FTP	51 Ω
44	RMC1/16K560FTP	56 Ω
45	RMC1/16K620FTP	62 Ω
46	RMC1/16K680FTP	68 Ω
47	RMC1/16K750FTP	75 Ω
48	RMC1/16K820FTP	82 Ω
49	RMC1/16K910FTP	91 Ω
50	RMC1/16K101FTP	100 Ω
51	RMC1/16K111FTP	110 Ω
52	RMC1/16K121FTP	120 Ω
53	RMC1/16K131FTP	130 Ω
54	RMC1/16K151FTP	150 Ω
55	RMC1/16K161FTP	160 Ω
56	RMC1/16K181FTP	180 Ω
57	RMC1/16K201FTP	200 Ω
58	RMC1/16K221FTP	220 Ω
59	RMC1/16K241FTP	240 Ω
60	RMC1/16K271FTP	270 Ω
61	RMC1/16K301FTP	300 Ω
62	RMC1/16K331FTP	330 Ω
63	RMC1/16K361FTP	360 Ω
64	RMC1/16K391FTP	390 Ω
65	RMC1/16K431FTP	430 Ω

No	Manufacturer part number	Resistance
66	RMC1/16K471FTP	470 Ω
67	RMC1/16K511FTP	510 Ω
68	RMC1/16K561FTP	560 Ω
69	RMC1/16K621FTP	620 Ω
70	RMC1/16K681FTP	680 Ω
71	RMC1/16K751FTP	750 Ω
72	RMC1/16K821FTP	820 Ω
73	RMC1/16K911FTP	910 Ω
74	RMC1/16K102FTP	1 k Ω
75	RMC1/16K112FTP	1.1 k Ω
76	RMC1/16K122FTP	1.2 k Ω
77	RMC1/16K132FTP	1.3 k Ω
78	RMC1/16K152FTP	1.5 k Ω
79	RMC1/16K162FTP	1.6 k Ω
80	RMC1/16K182FTP	1.8 k Ω
81	RMC1/16K202FTP	2 k Ω
82	RMC1/16K222FTP	2.2 k Ω
83	RMC1/16K242FTP	2.4 k Ω
84	RMC1/16K272FTP	2.7 k Ω
85	RMC1/16K302FTP	3 k Ω
86	RMC1/16K332FTP	3.3 k Ω
87	RMC1/16K362FTP	3.6 k Ω
88	RMC1/16K392FTP	3.9 k Ω
89	RMC1/16K432FTP	4.3 k Ω
90	RMC1/16K472FTP	4.7 k Ω
91	RMC1/16K512FTP	5.1 k Ω
92	RMC1/16K562FTP	5.6 k Ω
93	RMC1/16K622FTP	6.2 k Ω
94	RMC1/16K682FTP	6.8 k Ω
95	RMC1/16K752FTP	7.5 k Ω
96	RMC1/16K822FTP	8.2 k Ω
97	RMC1/16K912FTP	9.1 k Ω
98	RMC1/16K103FTP	10 k Ω
99	RMC1/16K113FTP	11 k Ω
100	RMC1/16K123FTP	12 k Ω
101	RMC1/16K133FTP	13 k Ω
102	RMC1/16K153FTP	15 k Ω
103	RMC1/16K163FTP	16 k Ω
104	RMC1/16K183FTP	18 k Ω
105	RMC1/16K203FTP	20 k Ω
106	RMC1/16K223FTP	22 k Ω
107	RMC1/16K243FTP	24 k Ω
108	RMC1/16K273FTP	27 k Ω
109	RMC1/16K303FTP	30 k Ω
110	RMC1/16K333FTP	33 k Ω
111	RMC1/16K363FTP	36 k Ω
112	RMC1/16K393FTP	39 k Ω
113	RMC1/16K433FTP	43 k Ω
114	RMC1/16K473FTP	47 k Ω
115	RMC1/16K513FTP	51 k Ω
116	RMC1/16K563FTP	56 k Ω
117	RMC1/16K623FTP	62 k Ω
118	RMC1/16K683FTP	68 k Ω
119	RMC1/16K753FTP	75 k Ω
120	RMC1/16K823FTP	82 k Ω
121	RMC1/16K913FTP	91 k Ω
122	RMC1/16K104FTP	100 k Ω
123	RMC1/16K114FTP	110 k Ω
124	RMC1/16K124FTP	120 k Ω
125	RMC1/16K134FTP	130 k Ω
126	RMC1/16K154FTP	150 k Ω
127	RMC1/16K164FTP	160 k Ω
128	RMC1/16K184FTP	180 k Ω
129	RMC1/16K204FTP	200 k Ω
130	RMC1/16K224FTP	220 k Ω

No	Manufacturer part number	Resistance
131	RMC1/16K244FTP	240 k Ω
132	RMC1/16K274FTP	270 k Ω
133	RMC1/16K304FTP	300 k Ω
134	RMC1/16K334FTP	330 k Ω
135	RMC1/16K364FTP	360 k Ω
136	RMC1/16K394FTP	390 k Ω
137	RMC1/16K434FTP	430 k Ω
138	RMC1/16K474FTP	470 k Ω
139	RMC1/16K514FTP	510 k Ω
140	RMC1/16K564FTP	560 k Ω
141	RMC1/16K624FTP	620 k Ω
142	RMC1/16K684FTP	680 k Ω
143	RMC1/16K754FTP	750 k Ω
144	RMC1/16K824FTP	820 k Ω
145	RMC1/16K914FTP	910 k Ω
146	RMC1/16K105FTP	1 M Ω
147	RMC1/16K115FTP	1.1 M Ω
148	RMC1/16K125FTP	1.2 M Ω
149	RMC1/16K135FTP	1.3 M Ω
150	RMC1/16K155FTP	1.5 M Ω
151	RMC1/16K165FTP	1.6 M Ω
152	RMC1/16K185FTP	1.8 M Ω
153	RMC1/16K205FTP	2 M Ω
154	RMC1/16K225FTP	2.2 M Ω
155	RMC1/16K245FTP	2.4 M Ω
156	RMC1/16K275FTP	2.7 M Ω
157	RMC1/16K305FTP	3 M Ω
158	RMC1/16K335FTP	3.3 M Ω
159	RMC1/16K365FTP	3.6 M Ω
160	RMC1/16K395FTP	3.9 M Ω
161	RMC1/16K435FTP	4.3 M Ω
162	RMC1/16K475FTP	4.7 M Ω
163	RMC1/16K515FTP	5.1 M Ω
164	RMC1/16K565FTP	5.6 M Ω
165	RMC1/16K625FTP	6.2 M Ω
166	RMC1/16K685FTP	6.8 M Ω
167	RMC1/16K755FTP	7.5 M Ω
168	RMC1/16K825FTP	8.2 M Ω
169	RMC1/16K915FTP	9.1 M Ω
170	RMC1/16K106FTP	10 M Ω

RS_Stock_No: 120-426

RMC1/10 KITS



Package / Case (Inch)

0805

Tolerance

±1 %

Power Rating

0.125 W

Number of each resistor

100

No	Manufacturer part number	Resistance
1	RMC1/10JPTP	0 Ω
2	RMC1/10-1R0FTP	1 Ω
3	RMC1/10-1R1FTP	1.1 Ω
4	RMC1/10-1R2FTP	1.2 Ω
5	RMC1/10-1R3FTP	1.3 Ω
6	RMC1/10-1R5FTP	1.5 Ω
7	RMC1/10-1R6FTP	1.6 Ω
8	RMC1/10-1R8FTP	1.8 Ω
9	RMC1/10-2R0FTP	2 Ω
10	RMC1/10-2R2FTP	2.2 Ω
11	RMC1/10-2R4FTP	2.4 Ω
12	RMC1/10-2R7FTP	2.7 Ω
13	RMC1/10-3R0FTP	3 Ω
14	RMC1/10-3R3FTP	3.3 Ω
15	RMC1/10-3R6FTP	3.6 Ω
16	RMC1/10-3R9FTP	3.9 Ω
17	RMC1/10-4R3FTP	4.3 Ω
18	RMC1/10-4R7FTP	4.7 Ω
19	RMC1/10-5R1FTP	5.1 Ω
20	RMC1/10-5R6FTP	5.6 Ω
21	RMC1/10-6R2FTP	6.2 Ω
22	RMC1/10-6R8FTP	6.8 Ω
23	RMC1/10-7R5FTP	7.5 Ω
24	RMC1/10-8R2FTP	8.2 Ω
25	RMC1/10-9R1FTP	9.1 Ω
26	RMC1/10K100FTP	10 Ω
27	RMC1/10K110FTP	11 Ω
28	RMC1/10K120FTP	12 Ω
29	RMC1/10K130FTP	13 Ω
30	RMC1/10K150FTP	15 Ω
31	RMC1/10K160FTP	16 Ω
32	RMC1/10K180FTP	18 Ω
33	RMC1/10K200FTP	20 Ω
34	RMC1/10K220FTP	22 Ω
35	RMC1/10K240FTP	24 Ω
36	RMC1/10K270FTP	27 Ω
37	RMC1/10K300FTP	30 Ω
38	RMC1/10K330FTP	33 Ω
39	RMC1/10K360FTP	36 Ω
40	RMC1/10K390FTP	39 Ω
41	RMC1/10K430FTP	43 Ω
42	RMC1/10K470FTP	47 Ω
43	RMC1/10K510FTP	51 Ω
44	RMC1/10K560FTP	56 Ω
45	RMC1/10K620FTP	62 Ω
46	RMC1/10K680FTP	68 Ω
47	RMC1/10K750FTP	75 Ω
48	RMC1/10K820FTP	82 Ω
49	RMC1/10K910FTP	91 Ω
50	RMC1/10K101FTP	100 Ω
51	RMC1/10K111FTP	110 Ω
52	RMC1/10K121FTP	120 Ω
53	RMC1/10K131FTP	130 Ω
54	RMC1/10K151FTP	150 Ω
55	RMC1/10K161FTP	160 Ω
56	RMC1/10K181FTP	180 Ω
57	RMC1/10K201FTP	200 Ω
58	RMC1/10K221FTP	220 Ω
59	RMC1/10K241FTP	240 Ω
60	RMC1/10K271FTP	270 Ω
61	RMC1/10K301FTP	300 Ω
62	RMC1/10K331FTP	330 Ω
63	RMC1/10K361FTP	360 Ω
64	RMC1/10K391FTP	390 Ω
65	RMC1/10K431FTP	430 Ω

No	Manufacturer part number	Resistance
66	RMC1/10K471FTP	470 Ω
67	RMC1/10K511FTP	510 Ω
68	RMC1/10K561FTP	560 Ω
69	RMC1/10K621FTP	620 Ω
70	RMC1/10K681FTP	680 Ω
71	RMC1/10K751FTP	750 Ω
72	RMC1/10K821FTP	820 Ω
73	RMC1/10K911FTP	910 Ω
74	RMC1/10K102FTP	1 kΩ
75	RMC1/10K112FTP	1.1 kΩ
76	RMC1/10K122FTP	1.2 kΩ
77	RMC1/10K132FTP	1.3 kΩ
78	RMC1/10K152FTP	1.5 kΩ
79	RMC1/10K162FTP	1.6 kΩ
80	RMC1/10K182FTP	1.8 kΩ
81	RMC1/10K202FTP	2 kΩ
82	RMC1/10K222FTP	2.2 kΩ
83	RMC1/10K242FTP	2.4 kΩ
84	RMC1/10K272FTP	2.7 kΩ
85	RMC1/10K302FTP	3 kΩ
86	RMC1/10K332FTP	3.3 kΩ
87	RMC1/10K362FTP	3.6 kΩ
88	RMC1/10K392FTP	3.9 kΩ
89	RMC1/10K432FTP	4.3 kΩ
90	RMC1/10K472FTP	4.7 kΩ
91	RMC1/10K512FTP	5.1 kΩ
92	RMC1/10K562FTP	5.6 kΩ
93	RMC1/10K622FTP	6.2 kΩ
94	RMC1/10K682FTP	6.8 kΩ
95	RMC1/10K752FTP	7.5 kΩ
96	RMC1/10K822FTP	8.2 kΩ
97	RMC1/10K912FTP	9.1 kΩ
98	RMC1/10K103FTP	10 kΩ
99	RMC1/10K113FTP	11 kΩ
100	RMC1/10K123FTP	12 kΩ
101	RMC1/10K133FTP	13 kΩ
102	RMC1/10K153FTP	15 kΩ
103	RMC1/10K163FTP	16 kΩ
104	RMC1/10K183FTP	18 kΩ
105	RMC1/10K203FTP	20 kΩ
106	RMC1/10K223FTP	22 kΩ
107	RMC1/10K243FTP	24 kΩ
108	RMC1/10K273FTP	27 kΩ
109	RMC1/10K303FTP	30 kΩ
110	RMC1/10K333FTP	33 kΩ
111	RMC1/10K363FTP	36 kΩ
112	RMC1/10K393FTP	39 kΩ
113	RMC1/10K433FTP	43 kΩ
114	RMC1/10K473FTP	47 kΩ
115	RMC1/10K513FTP	51 kΩ
116	RMC1/10K563FTP	56 kΩ
117	RMC1/10K623FTP	62 kΩ
118	RMC1/10K683FTP	68 kΩ
119	RMC1/10K753FTP	75 kΩ
120	RMC1/10K823FTP	82 kΩ
121	RMC1/10K913FTP	91 kΩ
122	RMC1/10K104FTP	100 kΩ
123	RMC1/10K114FTP	110 kΩ
124	RMC1/10K124FTP	120 kΩ
125	RMC1/10K134FTP	130 kΩ
126	RMC1/10K154FTP	150 kΩ
127	RMC1/10K164FTP	160 kΩ
128	RMC1/10K184FTP	180 kΩ
129	RMC1/10K204FTP	200 kΩ
130	RMC1/10K224FTP	220 kΩ

No	Manufacturer part number	Resistance
131	RMC1/10K244FTP	240 kΩ
132	RMC1/10K274FTP	270 kΩ
133	RMC1/10K304FTP	300 kΩ
134	RMC1/10K334FTP	330 kΩ
135	RMC1/10K364FTP	360 kΩ
136	RMC1/10K394FTP	390 kΩ
137	RMC1/10K434FTP	430 kΩ
138	RMC1/10K474FTP	470 kΩ
139	RMC1/10K514FTP	510 kΩ
140	RMC1/10K564FTP	560 kΩ
141	RMC1/10K624FTP	620 kΩ
142	RMC1/10K684FTP	680 kΩ
143	RMC1/10K754FTP	750 kΩ
144	RMC1/10K824FTP	820 kΩ
145	RMC1/10K914FTP	910 kΩ
146	RMC1/10K105FTP	1 MΩ
147	RMC1/10K115FTP	1.1 MΩ
148	RMC1/10K125FTP	1.2 MΩ
149	RMC1/10K135FTP	1.3 MΩ
150	RMC1/10K155FTP	1.5 MΩ
151	RMC1/10K165FTP	1.6 MΩ
152	RMC1/10K185FTP	1.8 MΩ
153	RMC1/10K205FTP	2 MΩ
154	RMC1/10K225FTP	2.2 MΩ
155	RMC1/10-245FTP	2.4 MΩ
156	RMC1/10-275FTP	2.7 MΩ
157	RMC1/10-305FTP	3 MΩ
158	RMC1/10-335FTP	3.3 MΩ
159	RMC1/10-365FTP	3.6 MΩ
160	RMC1/10-395FTP	3.9 MΩ
161	RMC1/10-435FTP	4.3 MΩ
162	RMC1/10-475FTP	4.7 MΩ
163	RMC1/10-515FTP	5.1 MΩ
164	RMC1/10-565FTP	5.6 MΩ
165	RMC1/10-625FTP	6.2 MΩ
166	RMC1/10-685FTP	6.8 MΩ
167	RMC1/10-755FTP	7.5 MΩ
168	RMC1/10-825FTP	8.2 MΩ
169	RMC1/10-915FTP	9.1 MΩ
170	RMC1/10-106FTP	10 MΩ

RS_Stock_No: 120-410

RMC1/8 KITS



Package / Case (Inch) 1206
 Tolerance $\pm 1\%$
 Power Rating 0.25 W
 Number of each resistor 100

No	Manufacturer part number	Resistance
1	RMC1/8JPTP	0 Ω
2	RMC1/8-1R0FTP	1 Ω
3	RMC1/8-1R1FTP	1.1 Ω
4	RMC1/8-1R2FTP	1.2 Ω
5	RMC1/8-1R3FTP	1.3 Ω
6	RMC1/8-1R5FTP	1.5 Ω
7	RMC1/8-1R6FTP	1.6 Ω
8	RMC1/8-1R8FTP	1.8 Ω
9	RMC1/8-2R0FTP	2 Ω
10	RMC1/8-2R2FTP	2.2 Ω
11	RMC1/8-2R4FTP	2.4 Ω
12	RMC1/8-2R7FTP	2.7 Ω
13	RMC1/8-3R0FTP	3 Ω
14	RMC1/8-3R3FTP	3.3 Ω
15	RMC1/8-3R6FTP	3.6 Ω
16	RMC1/8-3R9FTP	3.9 Ω
17	RMC1/8-4R3FTP	4.3 Ω
18	RMC1/8-4R7FTP	4.7 Ω
19	RMC1/8-5R1FTP	5.1 Ω
20	RMC1/8-5R6FTP	5.6 Ω
21	RMC1/8-6R2FTP	6.2 Ω
22	RMC1/8-6R8FTP	6.8 Ω
23	RMC1/8-7R5FTP	7.5 Ω
24	RMC1/8-8R2FTP	8.2 Ω
25	RMC1/8-9R1FTP	9.1 Ω
26	RMC1/8K100FTP	10 Ω
27	RMC1/8K110FTP	11 Ω
28	RMC1/8K120FTP	12 Ω
29	RMC1/8K130FTP	13 Ω
30	RMC1/8K150FTP	15 Ω
31	RMC1/8K160FTP	16 Ω
32	RMC1/8K180FTP	18 Ω
33	RMC1/8K200FTP	20 Ω
34	RMC1/8K220FTP	22 Ω
35	RMC1/8K240FTP	24 Ω
36	RMC1/8K270FTP	27 Ω
37	RMC1/8K300FTP	30 Ω
38	RMC1/8K330FTP	33 Ω
39	RMC1/8K360FTP	36 Ω
40	RMC1/8K390FTP	39 Ω
41	RMC1/8K430FTP	43 Ω
42	RMC1/8K470FTP	47 Ω
43	RMC1/8K510FTP	51 Ω
44	RMC1/8K560FTP	56 Ω
45	RMC1/8K620FTP	62 Ω
46	RMC1/8K680FTP	68 Ω
47	RMC1/8K750FTP	75 Ω
48	RMC1/8K820FTP	82 Ω
49	RMC1/8K910FTP	91 Ω
50	RMC1/8K101FTP	100 Ω
51	RMC1/8K111FTP	110 Ω
52	RMC1/8K121FTP	120 Ω
53	RMC1/8K131FTP	130 Ω
54	RMC1/8K151FTP	150 Ω
55	RMC1/8K161FTP	160 Ω
56	RMC1/8K181FTP	180 Ω
57	RMC1/8K201FTP	200 Ω
58	RMC1/8K221FTP	220 Ω
59	RMC1/8K241FTP	240 Ω
60	RMC1/8K271FTP	270 Ω
61	RMC1/8K301FTP	300 Ω
62	RMC1/8K331FTP	330 Ω
63	RMC1/8K361FTP	360 Ω
64	RMC1/8K391FTP	390 Ω
65	RMC1/8K431FTP	430 Ω

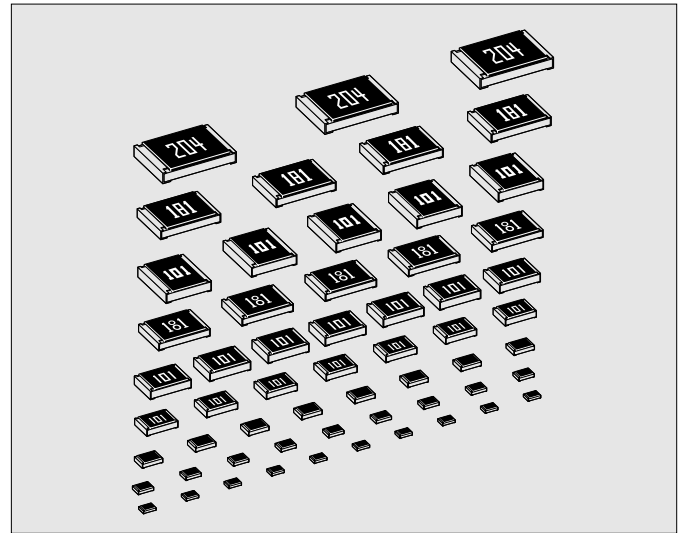
No	Manufacturer part number	Resistance
66	RMC1/8K471FTP	470 Ω
67	RMC1/8K511FTP	510 Ω
68	RMC1/8K561FTP	560 Ω
69	RMC1/8K621FTP	620 Ω
70	RMC1/8K681FTP	680 Ω
71	RMC1/8K751FTP	750 Ω
72	RMC1/8K821FTP	820 Ω
73	RMC1/8K911FTP	910 Ω
74	RMC1/8K102FTP	1 k Ω
75	RMC1/8K112FTP	1.1 k Ω
76	RMC1/8K122FTP	1.2 k Ω
77	RMC1/8K132FTP	1.3 k Ω
78	RMC1/8K152FTP	1.5 k Ω
79	RMC1/8K162FTP	1.6 k Ω
80	RMC1/8K182FTP	1.8 k Ω
81	RMC1/8K202FTP	2 k Ω
82	RMC1/8K222FTP	2.2 k Ω
83	RMC1/8K242FTP	2.4 k Ω
84	RMC1/8K272FTP	2.7 k Ω
85	RMC1/8K302FTP	3 k Ω
86	RMC1/8K332FTP	3.3 k Ω
87	RMC1/8K362FTP	3.6 k Ω
88	RMC1/8K392FTP	3.9 k Ω
89	RMC1/8K432FTP	4.3 k Ω
90	RMC1/8K472FTP	4.7 k Ω
91	RMC1/8K512FTP	5.1 k Ω
92	RMC1/8K562FTP	5.6 k Ω
93	RMC1/8K622FTP	6.2 k Ω
94	RMC1/8K682FTP	6.8 k Ω
95	RMC1/8K752FTP	7.5 k Ω
96	RMC1/8K822FTP	8.2 k Ω
97	RMC1/8K912FTP	9.1 k Ω
98	RMC1/8K103FTP	10 k Ω
99	RMC1/8K113FTP	11 k Ω
100	RMC1/8K123FTP	12 k Ω
101	RMC1/8K133FTP	13 k Ω
102	RMC1/8K153FTP	15 k Ω
103	RMC1/8K163FTP	16 k Ω
104	RMC1/8K183FTP	18 k Ω
105	RMC1/8K203FTP	20 k Ω
106	RMC1/8K223FTP	22 k Ω
107	RMC1/8K243FTP	24 k Ω
108	RMC1/8K273FTP	27 k Ω
109	RMC1/8K303FTP	30 k Ω
110	RMC1/8K333FTP	33 k Ω
111	RMC1/8K363FTP	36 k Ω
112	RMC1/8K393FTP	39 k Ω
113	RMC1/8K433FTP	43 k Ω
114	RMC1/8K473FTP	47 k Ω
115	RMC1/8K513FTP	51 k Ω
116	RMC1/8K563FTP	56 k Ω
117	RMC1/8K623FTP	62 k Ω
118	RMC1/8K683FTP	68 k Ω
119	RMC1/8K753FTP	75 k Ω
120	RMC1/8K823FTP	82 k Ω
121	RMC1/8K913FTP	91 k Ω
122	RMC1/8K104FTP	100 k Ω
123	RMC1/8K114FTP	110 k Ω
124	RMC1/8K124FTP	120 k Ω
125	RMC1/8K134FTP	130 k Ω
126	RMC1/8K154FTP	150 k Ω
127	RMC1/8K164FTP	160 k Ω
128	RMC1/8K184FTP	180 k Ω
129	RMC1/8K204FTP	200 k Ω
130	RMC1/8K224FTP	220 k Ω

No	Manufacturer part number	Resistance
131	RMC1/8K244FTP	240 k Ω
132	RMC1/8K274FTP	270 k Ω
133	RMC1/8K304FTP	300 k Ω
134	RMC1/8K334FTP	330 k Ω
135	RMC1/8K364FTP	360 k Ω
136	RMC1/8K394FTP	390 k Ω
137	RMC1/8K434FTP	430 k Ω
138	RMC1/8K474FTP	470 k Ω
139	RMC1/8K514FTP	510 k Ω
140	RMC1/8K564FTP	560 k Ω
141	RMC1/8K624FTP	620 k Ω
142	RMC1/8K684FTP	680 k Ω
143	RMC1/8K754FTP	750 k Ω
144	RMC1/8K824FTP	820 k Ω
145	RMC1/8K914FTP	910 k Ω
146	RMC1/8K105FTP	1 M Ω
147	RMC1/8-115FTP	1.1 M Ω
148	RMC1/8-125FTP	1.2 M Ω
149	RMC1/8-135FTP	1.3 M Ω
150	RMC1/8-155FTP	1.5 M Ω
151	RMC1/8-165FTP	1.6 M Ω
152	RMC1/8-185FTP	1.8 M Ω
153	RMC1/8-205FTP	2 M Ω
154	RMC1/8-225FTP	2.2 M Ω
155	RMC1/8-245FTP	2.4 M Ω
156	RMC1/8-275FTP	2.7 M Ω
157	RMC1/8-305FTP	3 M Ω
158	RMC1/8-335FTP	3.3 M Ω
159	RMC1/8-365FTP	3.6 M Ω
160	RMC1/8-395FTP	3.9 M Ω
161	RMC1/8-435FTP	4.3 M Ω
162	RMC1/8-475FTP	4.7 M Ω
163	RMC1/8-515FTP	5.1 M Ω
164	RMC1/8-565FTP	5.6 M Ω
165	RMC1/8-625FTP	6.2 M Ω
166	RMC1/8-685FTP	6.8 M Ω
167	RMC1/8-755FTP	7.5 M Ω
168	RMC1/8-825FTP	8.2 M Ω
169	RMC1/8-915FTP	9.1 M Ω
170	RMC1/8-106FTP	10 M Ω

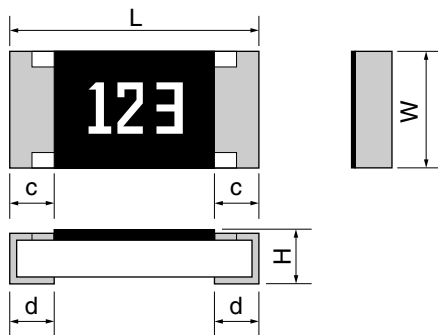
RMC

●Features

- 01005 to 2512 inch size and Jumper chip available.
- 0.1W is available for 0402 inch (RMC1/16S).
- Precise dimension by Laser-scriber method (RMC1/20, RMC1/32).
- Press Pocket Taping package (RMC1/20, RMC1/32).
- Walsin Technology Corporation OEM products (1206 to 0402 inch) are also available.
- Please contact KAMAYA for Halogen and Antimony free product of RMC series.
- Stability Class : 5%



●Dimensions



Rated resistance value marking is 3-digit on the over coating except RMC1/16S & RMC1/20 & RMC1/32. 4-digit marking is available for F & G tolerance except RMC1/16, RMC1/16S & RMC1/20 & RMC1/32 type.

Unit : mm

Style	Metric	Inch	Product	L	W	H	c	d	*Unit weight/pc.
RMC1/32	0402	01005	KAMAYA	0.4 ± 0.02	0.2 ± 0.02	0.13 ± 0.02	0.08 ± 0.03	0.1 ± 0.03	0.035mg
RMC1/20	0603	0201	KAMAYA	0.6 ± 0.03	0.3 ± 0.03	0.23 ± 0.03	0.1 ± 0.05	0.15 ± 0.05	0.16mg
RMC1/16S	1005	0402	KAMAYA	1.0 ± 0.05	0.5 ± 0.05	0.35 ± 0.05	0.2 ± 0.1	0.25 ^{+0.05} _{-0.10}	0.6mg
			WALSIN						
RMC1/16	1608	0603	KAMAYA	1.6 ± 0.1	0.8 ^{+0.15} _{-0.05}	0.45 ± 0.10	0.3 ± 0.1	0.3 ± 0.1	2mg
			WALSIN						
RMC1/10	2012	0805	KAMAYA	2.0 ± 0.1	1.25 ± 0.10	0.55 ± 0.10	0.4 ± 0.2	0.4 ± 0.2	5mg
			WALSIN						
RMC1/8	3216	1206	KAMAYA	3.2 ± 0.15	1.6 ± 0.15	0.55 ± 0.10	0.5 ± 0.25	0.5 ± 0.25	9mg
			WALSIN						
RMC1/4	3225	1210	KAMAYA	3.2 ± 0.15	2.5 ± 0.15	0.55 ± 0.15	0.5 ± 0.25	0.5 ± 0.25	16mg
RMC1/2	5025	2010	KAMAYA	5.0 ± 0.15	2.5 ± 0.15	0.55 ± 0.15	0.6 ± 0.2	0.6 ± 0.2	25mg
RMC1	6332	2512	KAMAYA	6.3 ± 0.15	3.2 ± 0.15	0.55 ± 0.15	0.6 ± 0.2	0.6 ± 0.2	40mg

*Values for reference

●Part Number Description

Example

Style		K		103		F		TP			
RMC		1/10									
Product Type		Temperature Coefficient of Resistance		Tolerance on Rated Resistance				*Packaging & Standard Qty. (Min.)			
		- Standard Resistor		F ± 1%				B	Bulk (Loose Package)	1,000pcs.	All Styles
		K ± 100 × 10 ⁻⁶ /°C Resistor		G ± 2%				PA	Press-Pocket Paper Tape (2 mm pitch)	20,000pcs.	RMC1/32
		None Jumper		J ± 5%				TH	Paper Tape (2 mm pitch)	10,000pcs.	RMC1/16S
				K ± 10%							RMC1/16
				None Jumper				TP	Paper Tape	5,000pcs.	RMC1/16
											RMC1/10
								TE	Embossed Tape	4,000pcs.	RMC1/4
											RMC1/2
								BA	Bulk Case	25,000pcs.	RMC1/16
										10,000pcs.	RMC1/10
										5,000pcs.	RMC1/8

*Refer to Tape and Packaging information on pages 54 and 55.

*Please contact Kamaya sales department for 1mm pitch taping of RMC1/16s, 1/20.

FIXED THICK FILM CHIP RESISTORS; RECTANGULAR TYPE

RMC

●Ratings

Style	Size Metric (Inch)	Rated Dissipation at 70°C W	Rated Resistance Range					Tolerance on Rated Resistance	Temperature Coefficient of Resistance		Limiting Element Voltage V	Isolation Voltage V	Category Temperature Range °C
			1Ω	10Ω	100Ω	1MΩ	10MΩ		Code	10 ⁻⁶ /°C			
RMC1/32	0402 (01005)	0.03 (0.5A)		4.7 ~ 9.1	10 ~ 91			F, J	-	+ 600 ~ - 200	15	50	- 55 ~ + 125
						100 ~ 1M		J	-	+ 1000 ~ + 300			
								F, J	-	+ 600 ~ - 200			
								F, J	-	+ 350 ~ - 100			
RMC1/20	0603 (0201)	0.05 (1.0A)	0.47 ~ 0.91	1 ~ 3.92				F, G, J	-	+ 1000 ~ + 300	25	50	- 55 ~ + 125
				4.02 ~ 9.76				F, G, J	-	+ 600 ~ - 200			
					10 ~ 1M			F, G, J	-	+ 350 ~ - 100			
						1.1M ~ 10M		J	-	+ 1000 ~ + 300			
RMC1/16S	1005 (0402)	0.1 (1.0A)		1 ~ 9.76				F, J	-	+ 500 ~ - 200	50	100	- 55 ~ + 155
					10 ~ 1M			G, J	-	+ 200			
								F	K	± 100			
						1.02M ~ 10M		F, G, J	-	+ 200			
RMC1/16	1608 (0603)	0.1 (2.0A)	0.47 ~ 0.91	1 ~ 9.76				K	-	+ 1,000 ~ + 300	50	100	- 55 ~ + 155
					10 ~ 10M			F, G, J	-	+ 500 ~ - 200			
								G, J	-	+ 200			
							11M ~ 22M	F	K	± 100			
								J	-	+ 200			
RMC1/10	2012 (0805)	0.125 (2.0A)	0.27 ~ 0.91	1 ~ 9.76				K	-	+ 1,000 ~ + 300	150	150	- 55 ~ + 155
					10 ~ 2.2M			F, G, J	-	+ 500 ~ - 200			
								G, J	-	+ 200			
						2.21M ~ 10M		F	K	± 100			
								F, G, J	-	+ 200			
							11M ~ 22M	J	-	+ 200			
RMC1/8	3216 (1206)	0.25 (2.0A)	0.22 ~ 0.91	1 ~ 9.76				K	-	+ 1,000 ~ + 300	200	500	- 55 ~ + 155
					10 ~ 1M			F, G, J	-	+ 500 ~ - 200			
								G, J	-	+ 200			
						1.02M ~ 10M		F	K	± 100			
								F, G, J	-	+ 200			
							11M ~ 24M	J	-	+ 200			
RMC1/4	3225 (1210)	0.33 (2.0A)	0.2 ~ 0.91	1 ~ 9.76				K	-	+ 1,000 ~ + 300	200	500	- 55 ~ + 155
					10 ~ 1M			F, J	-	+ 500 ~ - 200			
								G, J	-	+ 200			
						1.02M ~ 10M		F	K	± 100			
								F, G, J	-	+ 200			
							11M ~ 22M	J	-	+ 200			
RMC1/2	5025 (2010)	0.75 (2.0A)	0.33 ~ 0.91	1 ~ 9.76				K	-	+ 1,000 ~ + 300	200	500	- 55 ~ + 155
					10 ~ 1M			F, J	-	+ 500 ~ - 200			
								G, J	-	+ 200			
						1.1M ~ 22M		F	K	± 100			
								J	-	+ 200			
RMC1	6332 (2512)	1.0 (2.0A)	0.33 ~ 0.91	1 ~ 9.76				K	-	+ 1,000 ~ + 300	200	500	- 55 ~ + 155
					10 ~ 1M			F, J	-	+ 500 ~ - 200			
								G, J	-	+ 200			
						1.1M ~ 22M		F	K	± 100			
								J	-	+ 200			

Note1. E24 series is available, E96 series is available for tolerance "F" (1%)

Note2. Rated Voltage = $\sqrt{(\text{Rated Dissipation}) \times (\text{Rated Resistance})}$. (d.c. or a.c. r.m.s. Voltage)

Note3. Limiting Element Voltage can only be applied to resistors when the resistance value is equal to or higher than the critical resistance value.

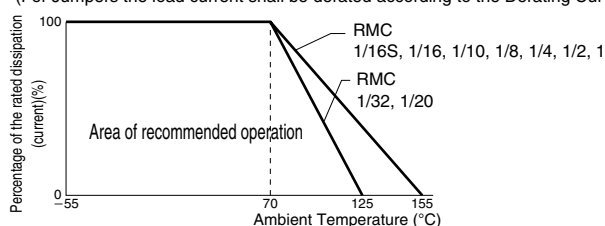
Note4. Critical Resistance Value is the resistance value at which the rated voltage is equal to the limiting element voltage.

Note5. Jumper: Resistance value is less than 50m ohm.

●Derating Curve

The derated values of dissipation for temperatures in excess of 70°C shall be indicated by the following Curve.

(For Jumpers the load current shall be derated according to the Derating Curve)



●Climatic Category

55/125/56: RMC1/32, 1/20

55/155/56: RMC1/16S, 1/16, 1/10, 1/8, 1/4, 1/2, 1

	RMC1/32, 1/20	RMC1/16S, 1/16, 1/10, 1/8, 1/4, 1/2, 1
Lower Category Temperature	-55°C	-55°C
Upper Category Temperature	+125°C	+155°C
Duration of the Damp heat, Steady-State Test	56 days	56 days

●Performance Characteristics JIS C 5201-1 : 1998

Description	Requirements	Test Methods
Voltage proof	No breakdown or flashover R _≥ 1G ohm	Clause 4.7 RMC1/32, 1/20 50Va.c., 60s RMC1/16S, 1/16 100Va.c., 60s RMC1/10~1 500Va.c., 60s
Variation of resistance with temperature	See Ratings Table	Clause 4.8 +20°C/-55°C/+20°C/+125°C/+20°C: RMC1/32, 1/20 +20°C/-55°C/+20°C/+155°C/+20°C: RMC1/16S~1
Overload	ΔR _± (1%+0.05 ohm) No visible damage, legible marking	Clause 4.13 The applied voltage shall be 2.5 times of the rated voltage or twice of the limiting element voltage, whichever is the less severe, 2s.
Solderability	In accordance with Clause 4.17.4.5	Clause 4.17 235°C, 2s
Resistance to soldering heat	ΔR _± (1%+0.05 ohm)	Clause 4.18 After immersion into the flux, the immersion into solder shall be carried out in Solder bath at 260°C for 5s.
Rapid change of temperature	ΔR _± (1%+0.05 ohm) No visible damage	Clause 4.19 5 cycles between -55°C and +125°C: RMC1/32, 1/20 5 cycles between -55°C and +155°C: RMC1/16S~1
Climatic sequence	ΔR _± (5%+0.1 ohm) No visible damage	Clause 4.23 Dry/Damp heat (12+12h cycle), first cycle./ Cold/Damp heat (12+12h cycle), remaining cycle./ D.C.Load.
Damp test, steady state	ΔR _± (5%+0.1 ohm) No visible damage, legible marking	Clause 4.24 40°C, 95%R.H., 56 days, test a) and b) of Clause 4.24.2.1
Endurance at 70°C	ΔR _± (5%+0.1 ohm) No visible damage	Clause 4.25.1 Rated voltage, 1.5h"ON", 0.5h"OFF", 70°C, 1,000h
Endurance at the upper category temperature	ΔR _± (5%+0.1 ohm) No visible damage	Clause 4.25.3 125°C, no-load, 1,000h.: RMC1/32, 1/20 155°C, no-load, 1,000h.: RMC1/16S~1
Adhesion	No visible damage	Clause 4.32 5N, 10s (RMC1/20 = 3N, RMC1/32 = 2N)
Bend strength of the face plating	ΔR _± (1%+0.05 ohm)	Clause 4.33 RMC1/32~1/4 Amount of bend: 3 mm RMC1/2, 1 Amount of bend: 1 mm