Features:

- RMCF – standard power ratings
- RMCP – high power ratings
- Nickel barrier terminations standard
- Power derating from 100% at 70ºC to zero at +155ºC
- RMCF and RMCP package sizes 0402 through 2512 are AEC-Q200 compliant
- RoHS compliant

Electrical Specifications - RMCF

Type / Code	Power Rating (Watts) @ 70ºC	Maximum Working Voltage (1)	Maximum Overload Voltage	Maximum Current	Resistance Temperature Coefficient	Ohmic Range (Ω) and Tolerance (2)	
						1%	5%
RMCF01005	0.03W	15V	30V	0.5 Amp	-200/+600 ppm/ºC	1 - 9.76	
					± 250 ppm/ºC	10 - 1M	
RMCF0201	0.05W	25V	50V	1 Amp	± 400 ppm/ºC	1 - 9.76	
					± 200 ppm/ºC	10 - 10M	
RMCF0402	0.063W	50V	100V	1 Amp	± 300 ppm/ºC	0.2 - 0.392	
					± 250 ppm/ºC	0.4 - 0.59	
					± 200 ppm/ºC	0.604 - 9.76	
					± 100 ppm/ºC	10 - 1M	
					± 200 ppm/ºC	1.02M - 10M	1.1M - 20M
RMCF0603	0.1W	75V	150V	1 Amp	± 500 ppm/ºC	0.1 - 0.499	
					± 400 ppm/ºC	0.511 - 0.976	
					± 200 ppm/ºC	1 - 9.76	1 - 20M
					± 100 ppm/ºC	10 - 1M	-
					± 200 ppm/ºC	1.02M - 10M	-
RMCF0805	0.125W	150V	300V	2 Amp	± 200 ppm/ºC	0.1 - 9.76	0.1 - 20M
					± 100 ppm/ºC	10 - 1M	-
					± 200 ppm/ºC	1.02M - 10M	-
RMCF1206	0.25W	200V	400V	2 Amp	± 200 ppm/ºC	0.1 - 9.76	0.1 - 20M
					± 100 ppm/ºC	10 - 1M	-
					± 200 ppm/ºC	1.02M - 10M	-
RMCF1210	0.33W (3)	200V	400V	3 Amp	± 200 ppm/ºC	0.1 - 0.976	
					± 400 ppm/ºC	1 - 9.76	
					± 200 ppm/ºC	-	10 - 20M
					± 100 ppm/ºC	10 - 10M	-
RMCF2010	0.75W	200V	400V	3 Amp	± 200 ppm/ºC	0.1 - 0.976	
					± 400 ppm/ºC	1 - 9.76	
					± 200 ppm/ºC	-	10 - 10M
					± 100 ppm/ºC	10 - 10M	-
RMCF2512	1W	200V	400V	3 Amp	± 200 ppm/ºC	0.1 - 0.976	
					± 400 ppm/ºC	1 - 9.76	
					± 200 ppm/ºC	-	10 - 10M
					± 100 ppm/ºC	10 - 10M	-

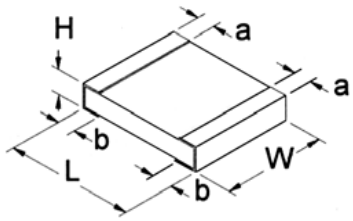
Notes: (1) Lesser of √P*R or maximum working voltage
(2) Contact factory for extended ohmic values
(3) Power rating is 0.5W for ohmic values below 1KΩ

Electrical Specifications - RMCP

Type / Code	Power Rating (Watts) @ 70ºC	Maximum Working Voltage (1)	Maximum Overload Voltage	Maximum Current	Resistance Temperature Coefficient	Ohmic Range (Ω) and Tolerance (2)
						1%, 5%
RMCP0201	0.063W	25V	50V	1 Amp	-200/+400 ppm/ºC	1 - 9.76
					± 200 ppm/ºC	10 - 10M
RMCP0402	0.125W	50V	100V	1 Amp	± 200 ppm/ºC	1 - 9.76
					± 100 ppm/ºC	10 - 1M
RMCP0603	0.25W	75V	150V	1 Amp	± 200 ppm/ºC	1 - 9.76
					± 100 ppm/ºC	10 - 1M
RMCP0805	0.33W	150V	300V	2 Amp	± 200 ppm/ºC	1 - 9.76
					± 100 ppm/ºC	10 - 1M
RMCP1206	0.33W	200V	400V	2 Amp	± 200 ppm/ºC	1 - 9.76
					± 100 ppm/ºC	10 - 1M
RMCP1210	0.5W	200V	400V	3 Amp	± 200 ppm/ºC	1 - 9.76
					± 100 ppm/ºC	10 - 1M
RMCP2010	1W	200V	400V	3 Amp	± 200 ppm/ºC	1 - 9.76
					± 100 ppm/ºC	10 - 1M
RMCP2512	2W	250V	500V	3 Amp	± 200 ppm/ºC	1 - 9.76
					± 100 ppm/ºC	10 - 1M

Notes: (1) Lesser of √P*R or maximum working voltage
(2) Contact factory for extended ohmic values

Mechanical Specifications

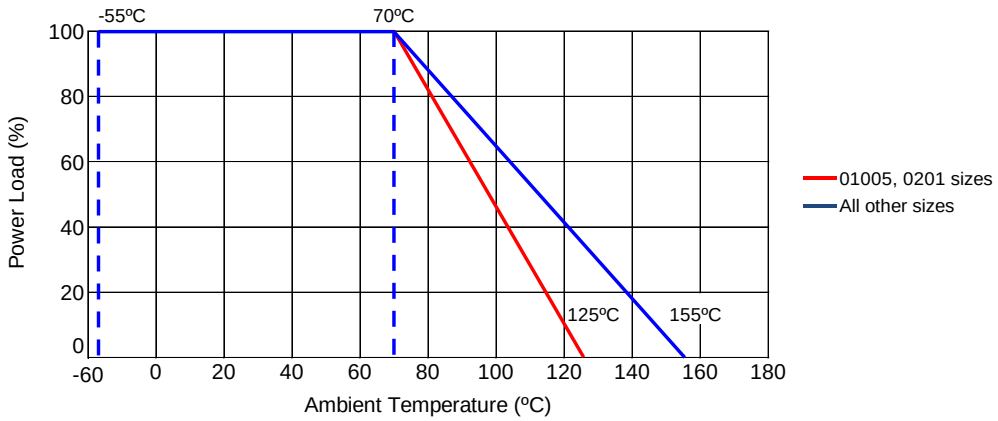


Type / Code	Average Unit Weight (mg)	L Body Length	W Body Width	H Body Height	a Top Termination	b Bottom Termination	Unit
RMCF01005	0.07	0.016 ± 0.0008	0.008 ± 0.0008	0.005 ± 0.0008	0.004 ± 0.0012	0.004 ± 0.0012	inches
		0.40 ± 0.02	0.20 ± 0.02	0.13 ± 0.02	0.10 ± 0.03	0.10 ± 0.03	mm
RMCF0201	0.16	0.024 ± 0.0012	0.012 ± 0.0012	0.009 ± 0.0012	0.006 ± 0.002	0.006 ± 0.002	inches
RMCP0201		0.60 ± 0.03	0.30 ± 0.03	0.23 ± 0.03	0.15 ± 0.05	0.15 ± 0.05	mm
RMCF0402	0.57	0.039 ± 0.004	0.020 ± 0.002	0.012 ± 0.004	0.008 ± 0.004	0.010 ± 0.006	inches
RMCP0402	0.62	1.00 ± 0.10	0.50 ± 0.05	0.30 ± 0.10	0.20 ± 0.10	0.25 ± 0.15	mm
RMCF0603	1.88	0.061 ± 0.006	0.031 + 0.006	0.018 ± 0.004	0.012 ± 0.008	0.012 ± 0.008	inches
RMCP0603	2.04	1.55 ± 0.15	0.80 + 0.15	0.45 ± 0.10	0.30 ± 0.20	0.30 ± 0.20	mm
RMCF0805	5.00	0.079 ± 0.008	0.049 ± 0.004	0.020 ± 0.006	0.014 ± 0.010	0.014 ± 0.010	inches
RMCP0805	4.37	2.00 ± 0.20	1.25 ± 0.10	0.50 ± 0.15	0.35 ± 0.25	0.35 ± 0.25	mm
RMCF1206	8.86	0.126 ± 0.010	0.063 ± 0.006	0.022 ± 0.006	0.020 ± 0.012	0.020 ± 0.012	inches
RMCP1206	8.95	3.20 ± 0.25	1.60 ± 0.15	0.55 ± 0.15	0.50 ± 0.30	0.50 ± 0.30	mm
RMCF1210	15.55	0.126 ± 0.010	0.098 ± 0.010	0.022 ± 0.006	0.020 ± 0.012	0.020 ± 0.012	inches
RMCP1210	15.96	3.20 ± 0.25	2.50 ± 0.25	0.55 ± 0.15	0.50 ± 0.30	0.50 ± 0.30	mm
RMCF2010	23.56	0.197 ± 0.008	0.098 ± 0.008	0.022 ± 0.006	0.024 ± 0.012	0.024 ± 0.014	inches
RMCP2010	24.24	5.00 ± 0.20	2.50 ± 0.20	0.55 ± 0.15	0.60 ± 0.30	0.60 ± 0.35	mm
RMCF2512	40.02	0.248 ± 0.008	0.126 ± 0.010	0.022 ± 0.006	0.024 ± 0.012	0.024 ± 0.014	inches
RMCP2512	39.45	6.30 ± 0.20	3.20 ± 0.25	0.55 ± 0.15	0.60 ± 0.30	0.60 ± 0.35	mm

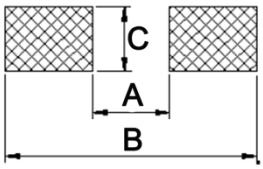
Performance Characteristics		
Test	Test Specifications	Test Conditions (JIS-C 5202)
Short Time Overload	±(2%+0.1Ω)	2.5x rated voltage for 5 seconds
Dielectric Withstanding Voltage	±(1%+0.05Ω)	100 VAC, 1 minute
Resistance to Soldering Heat	±1%	260ºC±5ºC, for 10 sec. ±0.5 sec. (Solder Bath)
Solderability	95% coverage, minimum	235ºC±5ºC, for 2 sec. ±0.5 sec. (Colophonium flux)
Temperature Cycle	±(1%+0.05Ω) Jumper (<0.05Ω)	-65ºC: 30 min. 25ºC: 2 to 3 min. 155ºC: 30 min. 25ºC: 2 to 3 min. (5 Cycles)
Endurance (Damp load)	±(3%+0.1Ω) Jumper (<0.05Ω)	40ºC±2ºC, 90% RH, Rated Load 90 min. On, 30 min. Off for 1,000 hrs. -0hrs./+48hrs.
Endurance (Rated load)	±(3%+0.1Ω) Jumper (<0.05Ω)	70ºC±2ºC, Rated Load 90 min. On, 30 min. Off for 1,000 hrs. -0hrs./+48hrs.
Voltage Coefficient	±100 (ppm/V)	1/10 rated voltage for 3 sec. max. then rated voltage for 3 sec. max.
Robustness of Termination	±(1%+0.05 Ohm)	Bend of 3mm for 5±1 sec.

Operating Temperature Range: -55ºC to +125ºC (0201 size)
-55ºC to +155ºC (all others)

Power Derating Curve:



Solder Land Pattern

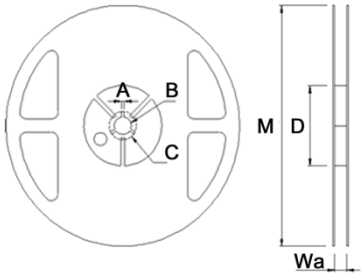


Type / Code	A	B	C	Unit
01005	0.008 0.20	0.020 0.50	0.008 0.20	inches mm
0201	0.012 0.30	0.039 1.00	0.016 0.40	inches mm
0402	0.020 0.50	0.059 1.50	0.024 0.60	inches mm
0603	0.031 0.80	0.083 2.10	0.035 0.90	inches mm
0805	0.047 1.20	0.118 3.00	0.051 1.30	inches mm
1206	0.087 2.20	0.165 4.20	0.063 1.60	inches mm
1210	0.087 2.20	0.165 4.20	0.110 2.80	inches mm
2010	0.138 3.50	0.240 6.10	0.110 2.80	inches mm
2512	0.150 3.80	0.315 8.00	0.138 3.50	inches mm

Packaging (EIA Standard RS-481)

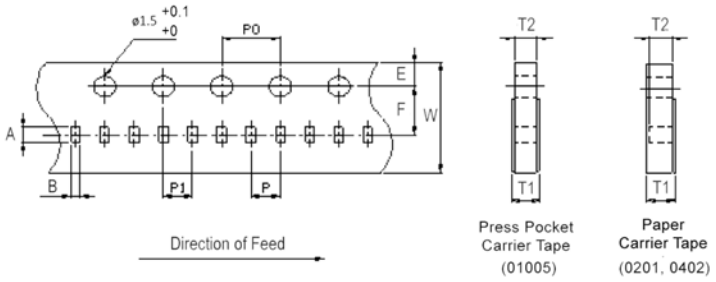
Packaging Specifications

Nominal dimensions:
Inches (mm)



Reel Type / Tape	Wa	M	A	B	C	D	Unit
7" reel for 8mm tape	0.354 ± 0.020 9.00 ± 0.50	7.008 ± 0.079 178.00 ± 2.00	0.079 ± 0.020 2.00 ± 0.50	0.531 ± 0.020 13.50 ± 0.50	0.827 ± 0.020 21.00 ± 0.50	2.362 ± 0.039 60.00 ± 1.00	inches mm
10" reel for 8mm tape	0.394 ± 0.020 10.00 ± 0.50	10.000 ± 0.079 254.00 ± 2.00	0.079 ± 0.020 2.00 ± 0.50	0.531 ± 0.020 13.50 ± 0.50	0.827 ± 0.020 21.00 ± 0.50	3.937 ± 0.039 100.00 ± 1.00	inches mm

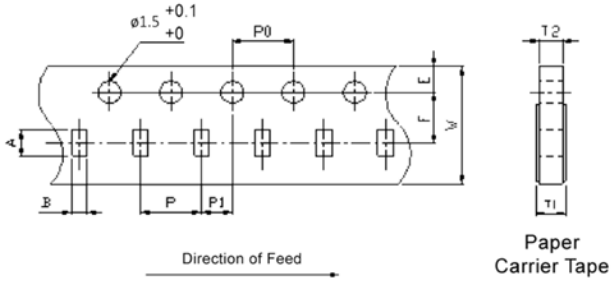
Taping Specifications - 01005, 0201, 0402



Type	7" Reel Quantity	Typical Full Reel Weight (g)	Tape Width	A	B	W	E	F	Unit
RMCF01005	20,000	127.3 ± 12.0	0.315 8.00	0.018 ± 0.001 0.45 ± 0.02	0.010 ± 0.001 0.25 ± 0.02	0.315 ± 0.012 8.00 ± 0.30	0.069 ± 0.004 1.75 ± 0.10	0.138 ± 0.002 3.50 ± 0.05	inches mm
RMCF0201	10,000	97.2 ± 9.0	0.315 8.00	0.027 ± 0.002 0.68 ± 0.05	0.015 ± 0.001 0.38 ± 0.03	0.315 ± 0.004 8.00 ± 0.10	0.069 ± 0.004 1.75 ± 0.10	0.138 ± 0.002 3.50 ± 0.05	inches mm
RMCF0402	10,000	94.5 ± 9.0	0.315 8.00	0.045 ± 0.002 1.15 ± 0.05	0.026 ± 0.002 0.65 ± 0.05	0.315 ± 0.008 8.00 ± 0.20	0.069 ± 0.004 1.75 ± 0.10	0.138 ± 0.002 3.50 ± 0.05	inches mm

Type	T1	T2	P	P0	P1	Unit
RMCF01005	0.012 ± 0.001 0.31 ± 0.03	0.007 ± 0.001 0.17 ± 0.03	0.079 ± 0.002 2.00 ± 0.05	0.157 ± 0.002 4.00 ± 0.05	0.079 ± 0.002 2.00 ± 0.05	inches mm
RMCF0201	0.019 + 0.002 0.47 + 0.05	0.011 ± 0.001 0.28 ± 0.02	0.079 ± 0.002 2.00 ± 0.05	0.157 ± 0.002 4.00 ± 0.05	0.079 ± 0.002 2.00 ± 0.05	inches mm
RMCF0402	0.020 + 0.004 0.50 + 0.10	0.016 ± 0.002 0.40 ± 0.05	0.079 ± 0.004 2.00 ± 0.10	0.157 ± 0.002 4.00 ± 0.05	0.079 ± 0.002 2.00 ± 0.05	inches mm

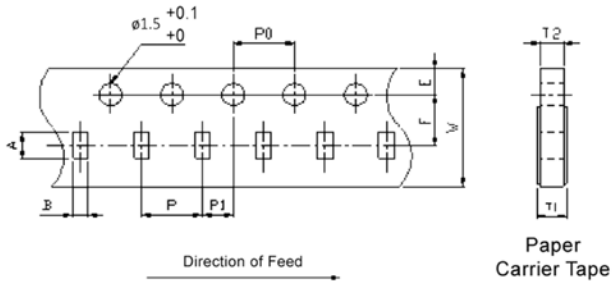
Taping Specifications - 0603, 0805, 1206, 1210



Type	7" Reel Quantity (1)	Typical Full Reel Weight (g)	Tape Width	A	B	W	E	F	Unit
RMCF0603	5000	118.3 ± 11.0	0.315 8.00	0.071 ± 0.004 1.80 ± 0.10	0.039 ± 0.004 1.00 ± 0.10	0.315 ± 0.008 8.00 ± 0.20	0.069 + 0.004 1.75 + 0.10	0.138 ± 0.002 3.50 ± 0.05	inches mm
RMCF0805	5000	139.2 ± 13.0	0.315 8.00	0.091 ± 0.004 2.30 ± 0.10	0.061 ± 0.004 1.55 ± 0.10	0.315 ± 0.008 8.00 ± 0.20	0.069 + 0.004 1.75 + 0.10	0.138 ± 0.002 3.50 ± 0.05	inches mm
RMCF1206	5000	151.4 ± 15.0	0.315 8.00	0.138 ± 0.008 3.50 ± 0.20	0.075 ± 0.008 1.90 ± 0.20	0.315 ± 0.008 8.00 ± 0.20	0.069 + 0.004 1.75 + 0.10	0.138 ± 0.002 3.50 ± 0.05	inches mm
RMCF1210	4000	175.7 ± 17.0	0.315 8.00	0.138 ± 0.008 3.50 ± 0.20	0.071 ± 0.008 1.80 ± 0.20	0.315 ± 0.008 8.00 ± 0.20	0.069 + 0.004 1.75 + 0.10	0.138 ± 0.002 3.50 ± 0.05	inches mm

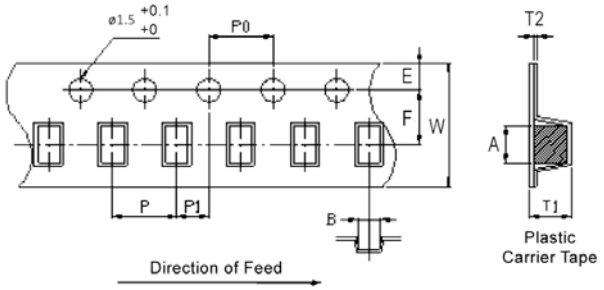
Note (1): 10" and 13" reels are also available.

Taping Specifications - 0603, 0805, 1206, 1210 (cont.)



Type	T1	T2	P	P0	P1	Unit
RMCF0603	0.028 + 0.004 0.70 + 0.10	0.024 ± 0.004 0.60 ± 0.10	0.157 ± 0.004 4.00 ± 0.10	0.157 ± 0.002 4.00 ± 0.05	0.079 ± 0.002 2.00 ± 0.05	inches mm
RMCF0805	0.033 + 0.004 0.85 + 0.10	0.030 ± 0.004 0.75 ± 0.10	0.157 ± 0.004 4.00 ± 0.10	0.157 ± 0.002 4.00 ± 0.05	0.079 ± 0.002 2.00 ± 0.05	inches mm
RMCF1206	0.033 + 0.004 0.85 + 0.10	0.030 ± 0.004 0.75 ± 0.10	0.157 ± 0.004 4.00 ± 0.10	0.157 ± 0.002 4.00 ± 0.05	0.079 ± 0.002 2.00 ± 0.05	inches mm
RMCF1210	0.033 + 0.004 0.85 + 0.10	0.030 ± 0.004 0.75 ± 0.10	0.157 ± 0.004 4.00 ± 0.10	0.157 ± 0.002 4.00 ± 0.05	0.079 ± 0.002 2.00 ± 0.05	inches mm

Taping Specifications (2010, 2512)

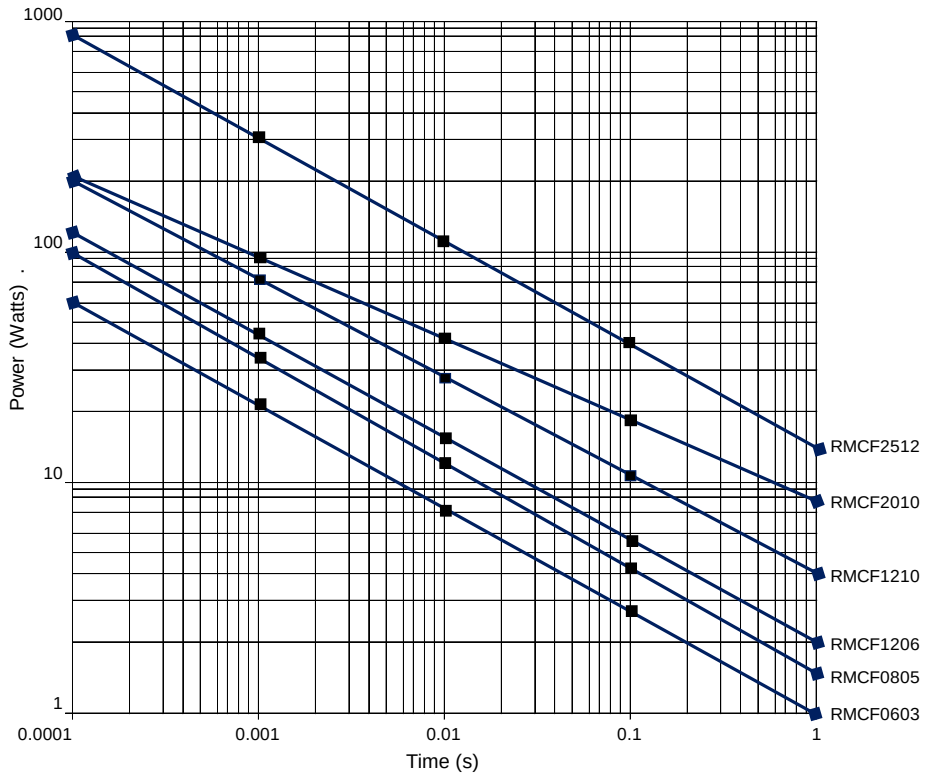


Type	7" Reel Quantity	Typical Full Reel Weight (g)	Tape Width	A	B	W	E	F	Unit
RMCF2010	4,000	183.1 ± 18.0	0.472 12.00	0.217 ± 0.008 5.50 ± 0.20	0.110 ± 0.008 2.80 ± 0.20	0.472 ± 0.008 12.00 ± 0.20	0.069 ± 0.004 1.75 ± 0.10	0.217 ± 0.002 5.50 ± 0.05	inches mm
RMCF2512	4,000	255.3 ± 25.0	0.472 12.00	0.264 ± 0.008 6.70 ± 0.20	0.134 ± 0.008 3.40 ± 0.20	0.472 ± 0.008 12.00 ± 0.20	0.069 ± 0.004 1.75 ± 0.10	0.217 ± 0.002 5.50 ± 0.05	inches mm

Type	T1	T2	P	P0	P1	Unit
RMCF2010	0.043 ± 0.006 1.10 ± 0.15	0.009 ± 0.006 0.23 ± 0.15	0.157 ± 0.004 4.00 ± 0.10	0.157 ± 0.002 4.00 ± 0.05	0.079 ± 0.002 2.00 ± 0.05	inches mm
RMCF2512	0.043 ± 0.006 1.10 ± 0.15	0.009 ± 0.006 0.23 ± 0.15	0.157 ± 0.004 4.00 ± 0.10	0.157 ± 0.002 4.00 ± 0.05	0.079 ± 0.002 2.00 ± 0.05	inches mm

Note: Plastic carrier tape used for 2010 and 2512 sizes.

Single Pulse Power



Size	Time (s)					Unit
	0.0001	0.001	0.01	0.1	1	
RMCF0603	60	21.5	7.6	2.8	1	Watts
RMCF0805	94	34	12	4.4	1.6	Watts
RMCF1206	120	43	15	5.6	2	Watts
RMCF1210	240	86	31	11	4	Watts
RMCF2010	210	96	41	18	8	Watts
RMCF2512	800	300	110	42	16	Watts

The data provided are for reference only. They are typical performance for this product but are not guaranteed. The actual pulse handling of each individual resistor may vary depending on a variety of factors including resistance tolerance and resistance value. Stackpole Electronics, Inc. assumes no liability for the use of this information. Customers should validate the performance of these products in their applications.
Contact Stackpole marketing to discuss specific pulse application requirements.

Temperature Measurement of Resistor Surface

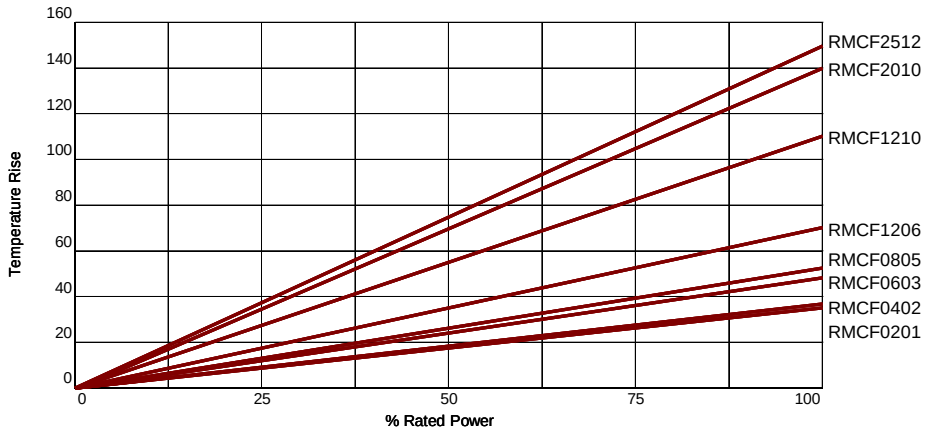
Description: The resistor surface generated temperature variation after applied rated voltage.
Products and power:

Stackpole P/N	RMCF0201	RMCF0402	RMCF0603	RMCF0805	RMCF1206	RMCF1210	RMCF2010	RMCF2512
R-V	15K	40.2K	57.6K	180K	182K	100K	100K	75K
Rated Power	1/20W	1/16W	1/10W	1/8W	1/4W	1/2W	3/4W	1W
Maximum Rated Voltage	25V	50V	75V	150V	200V	200V	200V	200V

Test method: Measure component surface temperature directly after the temperature stabilizes.

Test result: As per table below:

Heat Rise



TYPE	0201	0402	0603	0805	1206	1210	2010	2512
Surface Temperature	36ºC	37ºC	46.2ºC	50.4ºC	70.6ºC	110.6ºC	141ºC	150.4ºC

Part Marking Specifications

1% Marking
The nominal resistance is marked on the surface of the overcoating with the use of 4 digit markings.
0201 and 0402 are not marked.

5% Marking
The nominal resistance is marked on the surface of the overcoating with the use of 3 digit markings.
0201 and 0402 are not marked.

For shared E24/E96 values, 1% tolerance product may be marked with three digit marking instead of the standard four digit marking for all other E96 values. All E24 values available in 1% tolerance are also marked with three digit marking.

Mark Instructions for 0603 1% Chip Resistors (per EIA-J)

A two-digit number is assigned to each standard R-Value (E96) as shown in the chart below.
This is followed by one alpha character which is used as a multiplier. Each letter from "Y" - "F" represents a specific multiplier as follows:

Y = 0.1	B = 100	E = 100,000
X = 1	C = 1,000	F = 1,000,000
A = 10	D = 10,000	

EXAMPLE:

Chip Marking	Explanation	Value
01B	01 means 10.0 and B = 100	10.0 x 100 = 1 K ohm
25C	25 means 17.8 and C = 1,000	17.8 x 1,000 = 17.8 K ohm
93D	93 means 90.9 and D = 10,000	90.9 x 10,000 = 909 K ohm

E96											
1%	#	1%	#	1%	#	1%	#	1%	#	1%	#
10.0	01	14.7	17	21.5	33	31.6	49	46.4	65	68.1	81
10.2	02	15.0	18	22.1	34	32.4	50	47.5	66	69.8	82
10.5	03	15.4	19	22.6	35	33.2	51	48.7	67	71.5	83
10.7	04	15.8	20	23.2	36	34.0	52	49.9	68	73.2	84
11.0	05	16.2	21	23.7	37	34.8	53	51.1	69	75.0	85
11.3	06	16.5	22	24.3	38	35.7	54	52.3	70	76.8	86
11.5	07	16.9	23	24.9	39	36.5	55	53.6	71	78.7	87
11.8	08	17.4	24	25.5	40	37.4	56	54.9	72	80.6	88
12.1	09	17.8	25	26.1	41	38.3	57	56.2	73	82.5	89
12.4	10	18.2	26	26.7	42	39.2	58	57.6	74	84.5	90
12.7	11	18.7	27	27.4	43	40.2	59	59.0	75	86.6	91
13.0	12	19.1	28	28.0	44	41.2	60	60.4	76	88.7	92
13.3	13	19.6	29	28.7	45	42.2	61	61.9	77	90.9	93
13.7	14	20.0	30	29.4	46	43.2	62	63.4	78	93.1	94
14.0	15	20.5	31	30.1	47	44.2	63	64.9	79	95.3	95
14.3	16	21.0	32	30.9	48	45.3	64	66.5	80	97.6	96

RoHS Compliance

Stackpole Electronics has joined the worldwide effort to reduce the amount of lead in electronic components and to meet the various regulatory requirements now prevalent, such as the European Union's directive regarding "Restrictions on Hazardous Substances" (RoHS 2). As part of this ongoing program, we periodically update this document with the status regarding the availability of our compliant components. All our standard part numbers are compliant to EU Directive 2011/65/EU of the European Parliament.

RoHS Compliance Status						
Standard Product Series	Description	Package / Termination Type	Standard Series RoHS Compliant	Lead-Free Termination Composition	Lead-Free Mfg. Effective Date (Std Product Series)	Lead-Free Effective Date Code (YY/WW)
RMCF	General Purpose Thick Film Surface Mount Chip Resistor	SMD	YES(1)	100% Matte Sn over Ni	Jan-04 (Japan) Jan-05 (Taiwan, China)	04/01 05/01
RMCP	General Purpose High Power Thick Film Chip Resistor	SMD	YES(1)	100% Matte Sn over Ni	Always	Always

Note (1): RoHS Compliant by means of exemption 7c-I.

"Conflict Metals" Commitment

We at Stackpole electronics, Inc. are joined with our industry in opposing the use of metals mined in the "conflict region" of the Easter Democratic Republic of the Congo (DRC) in our products. Recognizing that the supply chain for metals used in the electronics industry is very complex, we work closely with our own suppliers to verify to the extent possible that the materials and products we supply do not contain metals sourced from this conflict region. As such, we are in compliance with the requirements of Dodd-Frank Act regarding Conflict Minerals.

Compliance to "REACH"

We certify that all passive components supplied by Stackpole Electronics, Inc. are SVHC (Substances of Very High Concern) free and compliant with the requirements of EU Directive 1907/2006/EC, "The Registration, Evaluation, Authorization and Restriction of Chemicals", otherwise referred to as REACH. Contact us for complete list of REACH Substance Candidate List.

Environmental Policy

It is the policy of Stackpole Electronics, Inc. (SEI) to protect the environment in all localities in which we operate. We continually strive to improve our effect on the environment. We observe all applicable laws and regulations regarding the protection of our environment and all requests related to the environment to which we have agreed. We are committed to the prevention of all forms of pollution.

How to Order - RMCF

1	2	3	4	5	6	7	8	9	10	11	12	13	14
R	M	C	F	0	6	0	3	J	T	4	K	7	0

Product Series	
RMCF	Thick Film Chip Resistors

Size	Power
01005	0.03W
0201	0.05W
0402	0.063W
0603	0.1W
0805	0.125W
1206	0.25W
1210	0.33W(*)
2010	0.75W
2512	1W

Tolerance		
Code	Tol	Value
F	1%	E96, E24
J	5%	E24
Z	jumper	

Packaging			
Code	Description	Size	Quantity
T	7" Reel - Paper Tape	01005	20,000
		0201, 0402	10,000
		0603, 0805, 1206	5,000
		1210	4,000
	7" Reel - Plastic Tape	2010, 2512	4,000
G	10" Reel - Paper Tape	0603, 0805, 1206	10,000
B	Bulk	0603, 0805, 1206	1,000

Resistance Value
Four characters with the multiplier used as the decimal holder.
0.1 ohm = R100
4.70 ohm = 4R70
10.0 Kohm = 10K0
1 Mohm = 1M00
Zero ohm jumper = 0R00

(*) Power rating is 0.5W for Ohmic values below 1KΩ

How to Order - RMCP

1	2	3	4	5	6	7	8	9	10	11	12	13	14
R	M	C	P	0	6	0	3	J	T	4	K	7	0

Product Series	
RMCP	High Power

Size	Power Rating
0201	0.063W
0402	0.125W
0603	0.25W
0805	0.33W
1206	0.33W
1210	0.5W
2010	1W
2512	2W

Tolerance		
Code	Tol	Value
F	1%	E96, E24
J	5%	E24

Packaging			
Code	Description	Size	Quantity
T	7" Reel Paper Tape	0201, 0402	10,000
		0603, 0805 1206, 1210	5,000
		2010, 2512	4,000
G	10" Reel Paper Tape	0603, 0805 1206, 1210	10,000
		2010	8,000

Resistance Value
Four characters with the multiplier used as the decimal holder.
1 ohm = 1R00
10 Kohm = 10K0
1 Mohm = 1M00