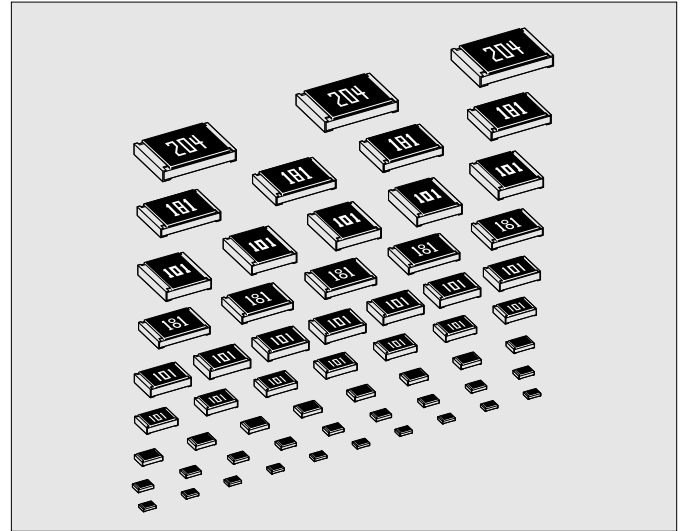


RMC

●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.
- Halogen*¹ and Antimony*² free product
*¹ Cl or Br ≤ 900ppm, Cl+Br ≤ 1500ppm
*² Sb₂O₃ ≤ 900ppm
- 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.

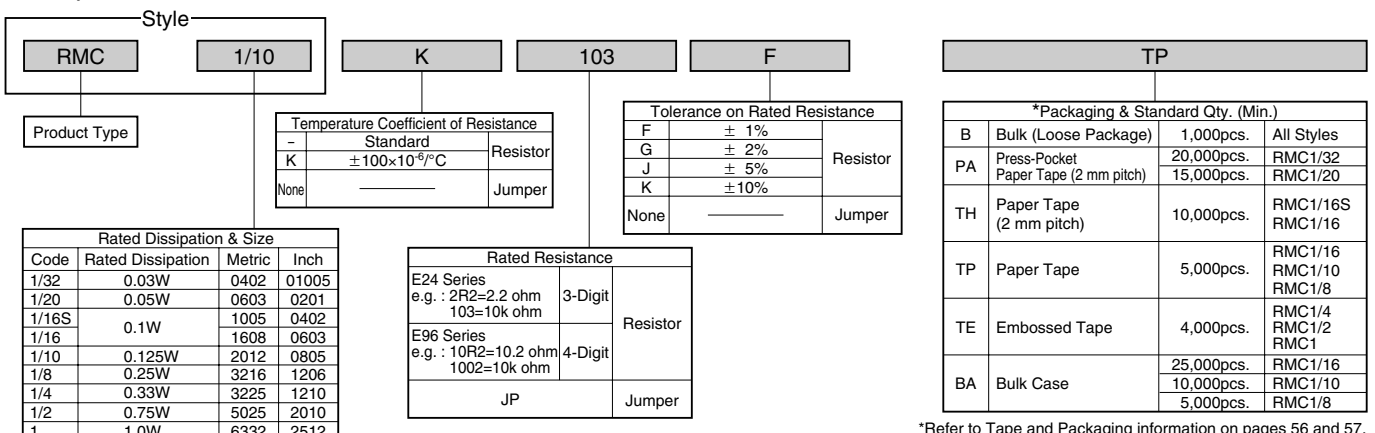
Unit : mm

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



*Refer to Tape and Packaging information on pages 56 and 57.

*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		
RMC1/20	0603 (0201)	0.05 (1.0A)	0.47 ~ 0.91			100 ~ 1M		J	-	+ 1000 ~ + 300	25				
			1 ~ 3.92	4.02 ~ 9.76			F, J	-	+ 600 ~ - 200						
					10 ~ 1M		F, G, J	-	+ 350 ~ - 100						
RMC1/16S	1005 (0402)	0.1 (1.0A)		1 ~ 9.76				J	-	± 200	50	100			
					10 ~ 1M		F, J	-	+ 500 ~ - 200						
						1.02M ~ 10M	G, J	-	± 200						
RMC1/16	1608 (0603)	0.1 (2.0A)						F	K	± 100	50	100			
			0.47 ~ 0.91				F, G, J	-	± 200						
			1 ~ 9.76				K	-	+ 1,000 ~ + 300						
				10 ~ 10M		F, G, J	-	+ 500 ~ - 200							
RMC1/10	2012 (0805)	0.125 (2.0A)						G, J	-	± 200	150				
					10 ~ 2.2M			G, J	-	± 200					
						221M ~ 10M		F	K	± 100					
							11M ~ 22M	F, G, J	-	± 200					
				0.27 ~ 0.91	1 ~ 9.76			J	-	± 200					
RMC1/8	3216 (1206)	0.25 (2.0A)						K	-	+ 1,000 ~ + 300	200	500	- 55 ~ + 155		
				1 ~ 9.76				F, G, J	-	+ 500 ~ - 200					
					10 ~ 1M			G, J	-	± 200					
						1.02M ~ 10M		F	K	± 100					
							11M ~ 24M	F, G, J	-	± 200					
RMC1/4	3225 (1210)	0.33 (2.0A)						J	-	± 200	200	500			
			0.2 ~ 0.91	1 ~ 9.76				K	-	+ 1,000 ~ + 300					
					10 ~ 1M			F, J	-	+ 500 ~ - 200					
								G, J	-	± 200					
						1.02M ~ 10M		F	K	± 100					
RMC1/2	5025 (2010)	0.75 (2.0A)						F, G, J	-	± 200	200	500			
							11M ~ 22M	J	-	± 200					
			0.33 ~ 0.91	1 ~ 9.76				K	-	+ 1,000 ~ + 300					
					10 ~ 1M			F, J	-	+ 500 ~ - 200					
							1.1M ~ 22M	G, J	-	± 200					
RMC1	6332 (2512)	1.0 (2.0A)						F	K	± 100	200	500			
								J	-	± 200					
			0.33 ~ 0.91	1 ~ 9.76				K	-	+ 1,000 ~ + 300					
					10 ~ 1M			F, J	-	+ 500 ~ - 200					
							1.1M ~ 22M	G, J	-	± 200					