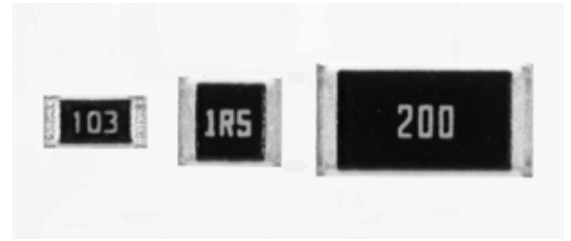


- Features:**
- Barrier terminations engineered to deter sulfur contamination
 - Non-standard resistance values available
 - Operating temp range from -55°C to +155°C
 - Zero ohm available (max resistance 0.05Ω)
 - RoHS compliant / lead-free

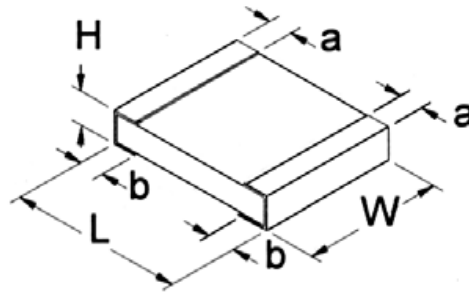


Electrical Specifications								
Type / Code	Package Size	Power Rating (Watts) @ 70°C	Maximum Working Voltage j	Maximum Overload Voltage	Maximum Current Jumper	Resistance Temperature Coefficient	Ohmic Range and Tolerance	
							1%	5%
RMCS 1/20	0201	0.050W	25V	50V	1 Amp	± 300 ppm/°C ± 200 ppm/°C	10Ω - 97.6Ω 100Ω - 1MΩ	10Ω - 91Ω 100Ω - 10MΩ
RMCS 1/16S	0402	0.063W	50V	100V	1 Amp	± 200 ppm/°C ± 100 ppm/°C ± 200 ppm/°C	10Ω - 97.6Ω 100Ω - 1MΩ 1.02MΩ - 10MΩ	10Ω - 10MΩ - -
RMCS 1/16	0603	0.100W	50V	100V	1 Amp	± 100 ppm/°C ± 200 ppm/°C	10Ω - 1MΩ 1.02MΩ - 10MΩ	- 10Ω - 22MΩ
RMCS 1/10	0805	0.125W	150V	300V	2 Amp	± 100 ppm/°C ± 200 ppm/°C	10Ω - 2.2MΩ 2.21MΩ - 10MΩ	- 10Ω - 22MΩ
RMCS 1/8	1206	0.250W	200V	400V	2 Amp	± 100 ppm/°C ± 200 ppm/°C	10Ω - 1MΩ 1.02MΩ - 10MΩ	- 10Ω - 24MΩ
RMCS 1/4	1210	0.330W	200V	400V	2 Amp	± 100 ppm/°C ± 200 ppm/°C	10Ω - 1MΩ 1.02MΩ - 10MΩ	- 10Ω - 22MΩ
RMCS 1/2	2010	0.750W	200V	400V	2 Amp	± 100 ppm/°C ± 200 ppm/°C	10Ω - 1MΩ -	- 10Ω - 22MΩ
RMCS 1	2512	1.000W	200V	400V	2 Amp	± 100 ppm/°C ± 200 ppm/°C	10Ω - 1MΩ -	- 10Ω - 22MΩ

① Lesser of √PR or maximum working voltage.

How to Order

SEI Type		Code			Nominal Resistance	Tolerance	Packaging			
RMCS		1/16			4.7K	5%	R			
Type	Description	Code	Wattage	Size	Tolerance Values		SEI Types	Pkg Qty	Description	Code
RMCS	Sulfur Resistant	1/20	0.05W	0201	1%	E96,E24	1/20	15,000	Tape - 2mm Pitch	R
		1/16S	0.063W	0402			1/16S	10,000		
		1/16	0.1W	0603	1/16, 1/10, 1/8	5,000	Paper Tape			
		1/10	0.125W	0805	5%	E24	1/4, 1/2, 1	4,000	Embossed Tape	A
		1/8	0.25W	1206			All	1,000	Bulk	
		1/4	0.33W	1210						
		1/2	0.75W	2010						
		1	1W	2512						



Mechanical Specifications						
Type / Code	L Body Length	W Body Width	H Body Height	a Top Termination	b Bottom Termination	Units
RMCS 1/20	0.024 ± 0.001 0.6 ± 0.03	0.011 ± 0.001 0.3 ± 0.03	0.009 ± 0.001 0.23 ± 0.03	0.004 ± 0.002 0.1 ± 0.05	0.006 ± 0.002 0.15 ± 0.05	inches mm
RMCS 1/16S	0.039 ± 0.002 1 ± 0.05	0.02 ± 0.002 0.5 ± 0.05	0.014 ± 0.002 0.35 ± 0.05	0.008 ± 0.004 0.2 ± 0.1	0.01 ± 0.002/-0.004 0.25 ± 0.05/-0.1	inches mm
RMCS 1/16	0.063 ± 0.004 1.6 ± 0.1	0.031 ± 0.004 0.8 ± 0.1	0.018 ± 0.004 0.45 ± 0.1	0.012 ± 0.008 0.3 ± 0.2	0.012 ± 0.008 0.3 ± 0.2	inches mm
RMCS 1/10	0.079 ± 0.008 2 ± 0.2	0.049 ± 0.004 1.25 ± 0.1	0.020 ± 0.006 0.5 ± 0.15	0.016 ± 0.008 0.4 ± 0.2	0.016 ± 0.008 0.4 ± 0.2	inches mm
RMCS 1/8	0.126 ± 0.008 3.2 ± 0.2	0.063 ± 0.006 1.6 ± 0.15	0.021 ± 0.006 0.55 ± 0.15	0.02 ± 0.01 0.5 ± 0.25	0.02 ± 0.01 0.5 ± 0.25	inches mm
RMCS 1/4	0.126 ± 0.008 3.2 ± 0.2	0.098 ± 0.008 2.5 ± 0.2	0.021 ± 0.006 0.55 ± 0.15	0.02 ± 0.01 0.5 ± 0.25	0.02 ± 0.01 0.5 ± 0.25	inches mm
RMCS 1/2	0.197 ± 0.008 5 ± 0.2	0.098 ± 0.008 2.5 ± 0.2	0.021 ± 0.006 0.55 ± 0.15	0.024 ± 0.01 0.6 ± 0.25	0.024 ± 0.01 0.6 ± 0.25	inches mm
RMCS 1	0.248 ± 0.008 6.3 ± 0.2	0.126 ± 0.008 3.2 ± 0.2	0.021 ± 0.006 0.55 ± 0.15	0.024 ± 0.01 0.6 ± 0.25	0.024 ± 0.01 0.6 ± 0.25	inches mm

