

- Compact size, light in weight
- Available in both tape and bulk packaging
- Widely used in aerospace, aviation, telecommunication, auto control etc.

RM RM Chip, fixed resistor

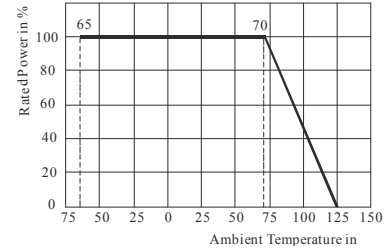
Applicable specifications

- GJB1432B-2009
- Q/RU21432.34-2013 RM1005
- Q/RU21432.35-2013 RM1608
- Q/RU21432.36-2013 RM2012
- Q/RU21432.37-2013 RM3216
- Q/RU21432.38-2013 RM3225
- Q/RU21432.39-2013 RM5025
- Q/RU21432.40-2013 RM6332
- Q/RU21432.41-2013 RM4225
- Q/RU21432.42-2013 RM6308
- Q/RU21432.43-2013 RM3263

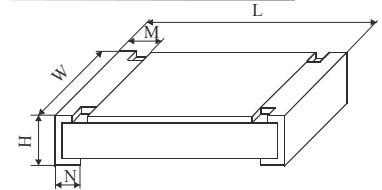
Dimensions in millimeters

Type	Power Rating P _{70°C} (W)	Dimensions (mm)				
		L	W	M	N	H
RM1005(0402)	0.04	1.00±0.15	0.50±0.10	0.25±0.10	0.25±0.10	0.35±0.10
RM1608(0603)	0.063	1.60±0.15	0.80±0.15	0.30±0.15	0.30±0.15	0.50±0.15
RM2012(0805)	0.1	2.00±0.20	1.25±0.20	0.40±0.20	0.30±0.10	0.55±0.10
RM3216(1206)	0.25	3.20±0.20	1.60±0.20	0.50±0.20	0.40±0.10	0.60±0.10
RM3225(1210)	0.5			0.50±0.25	0.50±0.25	
RM5025(2010)	0.8	5.00±0.20	2.50±0.20	0.60±0.25	0.60±0.25	0.60±0.20
RM6332(2512)	1	6.30±0.20				
RM3263	3	3.20±0.15	6.30±0.30	0.50±0.25	0.60±0.25	1.05±0.25
RM4225	1	4.20±0.20	2.50±0.20	0.70±0.20	1.20±0.15	1.05±0.20
RM6308	2	6.30±0.20	3.20±0.20	0.60±0.25	0.60±0.25	0.90±0.20

Derating



Dimensions



Technical and Standard Electrical Specifications

Type	Resistance Range (Ω)	Tolerance (%)	Resistance Temperature Coefficient (10 ⁻⁶ /°C)	Limiting Element Voltage (V)
RM1005(0402)	1 10M	(0.1 0.5 1 2 5)	K ≤ 100 M ≤ 300	25
RM1608(0603) RM2012(0805)	1 22M			40 50
RM3216(1206) RM3225(1210)				100 150
RM5025(2010) RM6332(2512)				150 200
RM3263	8.2 1M	(1 2 5)		200
RM4225	1 10M			
RM6308	10 1M			

Performance

Test	Conditions of Test	Test Limits	
		K	M
Thermal shock	55 125 5 cycles	0.5	0.5
Short time overload	2.5U _R (2U _{max}) (5 0.1)s		
Low temperature operation	55 U _R 45min		
Resistance to soldering heat	(235 5) (30 5)s 3 cycles		
High temperature exposure	(150 5) (100 4)h	1.0	1.0
Moisture resistance	65 RH 90 98 % 10 cycles	0.5	0.5
Life	(70 5) U _R (U _{max}) 2000h	2.0	2.0
Solderability	(245 2) 5s	95%	95% covered
Shear (adhesion)	RM1005 10N RM1608 RM2012 RM3216 RM3225 20N RM5025 RM6332 RM3263 RM4225 RM6308 30N	No mechanical damage	

Ordering Information

RM1005 (0402)– K – B – 472 – F – T

Type – Characteristic – Termination – Nominal resistance value – Resistance tolerance
– Packaging method (T Taped B Bulk)