



ENGLISH

# Datasheet : Metal Film Resistor RS Pro



## Specifications:

Metal Film Axial leaded resistors.

$\pm 0.25\%$  Tolerance

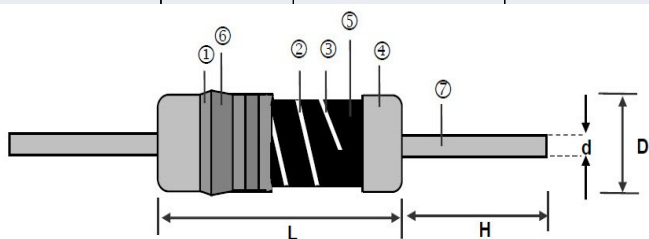
TCR  $\pm 25$  PPM/ $^{\circ}$ C

Power rating up to 3W

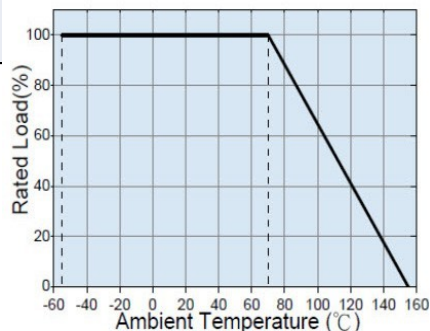
Ammo packed

Part numbering :- RSMOA0623DAMJ3303

Product type	size	Tolerance	Packaging	TCR (PPM/°C)	Power Rating	Resistance
RSMOA	0318	A: ±0.05%	A=: Ammo	M: ± 25	H: 2/5W	R100 = 0.1Ω
	0623	B: ±0.1%		N: ± 50	I: 1/2W	0010 = 1Ω
	0932	C: ±0.25%		O: ± 100	J: 3/5W	1000 = 100Ω
	1145	D: ±0.5%			P: 1W	1001 = 1KΩ
						1004 = 10KΩ
						1003 = 1KΩ



① Insulation Coating	⑤ Resistor Layer
② Trimming Line	⑥ Marking
③ Ceramic Core	⑦ Lead Wire
④ Electrode Cap	



Type	L (mm)±5%	D (mm)±5%	H (mm) ±5%	d (mm)±5%	weight g 100 pcs
RSMOA0318	3.3	1.8	29	0.45	9
RSMOA0623	6.3	2.3	28	0.55	15
RSMOA0932	9	3.2	26	0.65	35
RSMOA1145	11.5	4.5	35	0.78	77
RSMOA1550	15.5	5	32	0.78	104



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# Electrical specifications

Type	Power Rating at 70°C	Operating Temp. Range	Max. Operating Voltage	Max. Overload Voltage	Dielectric Withstanding Voltage	Resistance Range					TCR (PPM/°C)
						±0.05%	±0.1%	±0.25%	±0.5%	±1%	
0318	0.4W	-55 ~ +155°C	200V	400V	300V	-	10Ω-1MΩ		10Ω-4.99MΩ		±15
						-	10Ω-1MΩ		10Ω-10MΩ		±25
						-	1Ω-1MΩ		1Ω-10MΩ	0.1Ω-10MΩ	±50
						-	1Ω-1MΩ		1Ω-10MΩ	0.1Ω-10MΩ	±100
0623	0.6W	-55 ~ +155°C	300V	500V	500V	-	10Ω-1MΩ		10Ω-4.99MΩ		±15
						-	10Ω-1MΩ		10Ω-10MΩ		±25
						-	10Ω-1MΩ		10Ω-10MΩ	1Ω-10MΩ	±50
						-	1Ω-1MΩ		1Ω-10MΩ	0.1Ω-10MΩ	±100
0932	1W	-55 ~ +155°C	400V	600V	500V	-	10Ω-1MΩ		10Ω-10MΩ		±5
						-	10Ω-1MΩ				±10
						-	10Ω-1MΩ		10Ω-10MΩ		±15
						-	10Ω-1MΩ		10Ω-10MΩ		±25
						-	1Ω-1MΩ		1Ω-10MΩ	0.1Ω-10MΩ	±50
1145	2W	-55 ~ +155°C	500V	700V	700V	-	10Ω-1MΩ		10Ω-4.99MΩ		±15
						-	10Ω-1MΩ		10Ω-10MΩ		±25
						-	1Ω-1MΩ		1Ω-10MΩ	0.1Ω-10MΩ	±50
						-	1Ω-1MΩ		1Ω-10MΩ	0.1Ω-10MΩ	±100
1550	3W	-55 ~ +155°C	500V	1000V	1000V	-	10Ω-1MΩ		10Ω-4.99MΩ		±15
						-	10Ω-1MΩ		10Ω-10MΩ		±25
						-	1Ω-1MΩ		1Ω-10MΩ	0.1Ω-10MΩ	±50
						-	1Ω-1MΩ		1Ω-10MΩ	0.1Ω-10MΩ	±100