



ENGLISH

Datasheet : Metal Film Resistor RS Pro



Specifications:

Metal Film Axial leaded resistors.

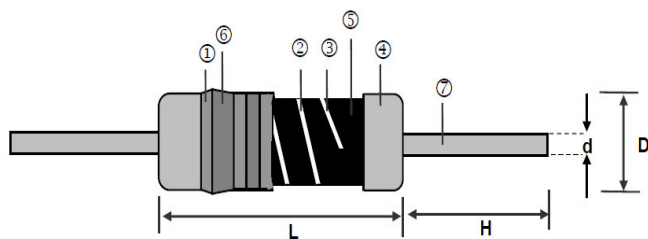
$\pm 0.25\%$ Tolerance

TCR ± 25 PPM/ $^{\circ}$ C

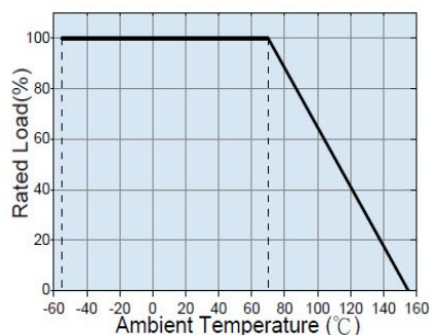
Power rating up to 3W

Ammo packed

Product type	size	Tolerance	Packaging	TCR (PPM/°C)	Power Rating	Resistance
RSMOA	0318	A: $\pm 0.05\%$	A=: Ammo	M: ± 25	H: 2/5W	R100 = 0.1 Ω
	0623	B: $\pm 0.1\%$		N: ± 50	I: 1/2W	0010 = 1 Ω
	0932	C: $\pm 0.25\%$		O: ± 100	J: 3/5W	1000 = 100 Ω
	1145	D: $\pm 0.5\%$			P: 1W	1001 = 1K Ω
	1550	F: $\pm 1\%$			Q: 2W	1004 = 1M Ω
					S: 3W	3303 = 330K Ω



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



Type	L (mm) $\pm 5\%$	D (mm) $\pm 5\%$	H (mm) $\pm 5\%$	d (mm) $\pm 5\%$	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	
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		-		±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	