

MATERIAL DECLARATION SHEET



Material Number	BRS 200W			
Product Line	Resistors			
Compliance Date	2024/10/25			
RoHS Compliant	Yes	MSL		

No.	Construction Element(subpart)	Homogeneous Material	Material weight [g]	Homogeneous Material\ Substances	CASRN if applicable	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
1	Clip	Iron	3.92	Iron	7439-89-6	96.25	1.347%	1.4%
				Copper	7440-50-8	3.75	0.052%	
2	Clip plating	Tin	0.05	Tin	7440-31-5	100	0.018%	0.018%
3	Resis-wire	Nickel	16.7	Nickel	7440-02-0	1	0.060%	5.963%
				Chromium	7440-47-3	24	1.431%	
				Aluminium	7429-90-5	7	0.417%	
				Iron	7439-89-6	68	4.055%	
4	Case	Aluminium	232.21	Aluminium	7429-90-5	98.84	81.958%	82.920%
				Silicon	7440-21-3	1.00	0.829%	
				Iron	7439-89-6	0.16	0.133%	
5	Cable	Copper (C102)	9.071	Copper	7440-50-8	99.999	3.236%	3.239%
				Oxygen	7782-44-7	0.001	0.001%	
6	Cable plating	Tin	0.05	Tin	7440-31-5	100	0.018%	0.018%
7	Mica	Mica	18.04	Mica ca	12001-26-2	92	5.927%	6.442%
				Silicon bond ca	7085-85-0	8	0.515%	

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Total weight	280.041
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This Document was updated on: 2024/10/25

Important remarks:

1. It is the responsibility of the user to verify they are accessing the latest version.