

MATERIAL DECLARATION SHEET



Material Number	BRS 100W			
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	2.096%	2.178%
				Copper	7440-50-8	3.75	0.082%	
2	Clip plating	Tin	0.05	Tin	7440-31-5	100	0.028%	0.028%
3	Resis-wire	Nickel	8.4	Nickel	7440-02-0	1	0.047%	4.666%
				Chromium	7440-47-3	24	1.120%	
				Aluminium	7429-90-5	7	0.327%	
				Iron	7439-89-6	68	3.173%	
4	Case	Aluminium	149.691	Aluminium	7429-90-5	98.84	82.187%	83.152%
				Silicon	7440-21-3	1	0.832%	
				Iron	7439-89-6	0.16	0.133%	
5	Cable	Copper (C102)	9.07	Copper	7440-50-8	99.999	5.032%	5.038%
				Oxygen	7782-44-7	0.001	0.001%	
6	Cable plating	Tin	0.05	Tin	7440-31-5	100	0.028%	0.028%
7	Mica	Mica	8.84	Mica ca	12001-26-2	92	4.518%	4.911%
				Silicon bond ca	7085-85-0	8	0.393%	

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Total weight	180.021
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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.