

MATERIAL DECLARATION SHEET



Material Number	BRS 150W			
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	1.571%	1.633%
				Copper	7440-50-8	3.75	0.061%	
2	Clip plating	Tin	0.05	Tin	7440-31-5	100	0.021%	0.021%
3	Resis-wire	Nickel	12.5	Nickel	7440-02-0	1	0.052%	5.206%
				Chromium	7440-47-3	24	1.249%	
				Aluminium	7429-90-5	7	0.364%	
				Iron	7439-89-6	68	3.540%	
4	Case	Aluminium	196.473	Aluminium	7429-90-5	98.84	80.879%	81.829%
				Silicon	7440-21-3	1	0.818%	
				Iron	7439-89-6	0.16	0.131%	
5	Cable	Copper (C102)	9.07	Copper	7440-50-8	99.999	3.774%	3.778%
				Oxygen	7782-44-7	0.001	0.001%	
6	Cable plating	Tin	0.05	Tin	7440-31-5	100	0.021%	0.021%
7	Mica	Mica ca	18.04	Mica ca	12001-26-2	92	6.912%	7.513%
				Silicon bond ca	7085-85-0	8	0.601%	

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Total weight	240.103
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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.