

MATERIAL DECLARATION SHEET



Material Number	BRS 500W			
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	0.619%	0.643%
				Copper	7440-50-8	3.75	0.024%	
2	Clip plating	Tin	0.05	Tin	7440-31-5	100	0.008%	0.008%
3	Resis-wire	Nickel	41.7	Nickel	7440-02-0	1	0.068%	6.836%
				Chromium	7440-47-3	24	1.641%	
				Aluminium	7429-90-5	7	0.479%	
				Iron	7439-89-6	68	4.648%	
4	Case	Alminium	513.5	Aluminium	7429-90-5	98.84	83.202%	84.179%
				Silicon	7440-21-3	1.00	0.842%	
				Iron	7439-89-6	0.16	0.135%	
5	Cable	Copper (C102)	9.07	Copper	7440-50-8	99.999	1.486%	1.487%
				Oxygen	7782-44-7	0.001	0.001%	
6	Cable plating	Tin	0.05	Tin	7440-31-5	100	0.008%	0.008%
7	Mica	Mica	41.72	Mica ca	12001-26-2	92	6.292%	6.839%
				Silicon bond ca	7085-85-0	8	0.547%	
		Total weight	610.01					

This Document was updated on:2024/10/25

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Important remarks:

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