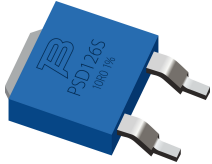


MATERIAL DECLARATION SHEET



Material Number	PSD126 Series			
Product Line	Fixed Resistors			
Compliance Date	2025/9/22			
RoHS Compliant	No	MSL	1	

No.	Construction Element(subpart)	Homogeneous Material	Material weight [mg]	Homogeneous Material\ Substances	CASRN if applicable	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
1	Lead Plating	Tin Plating	1.32	Tin	7440-31-5	90.9	0.055	0.115
				Copper	7440-50-8	7.6	0.05	
				Silver	7440-22-4	1.5	0.01	
2	Leads	Copper	300	Copper	7440-50-8	100	13.803	13.803
3	Inside Soldering	Plating	1.32	Tin	7440-31-5	92.4	0.056	0.06
				Lead	7439-92-1	5.3	0.003	
				Silver	7440-22-4	2.3	0.001	
4	Heatsink	Copper Plate	1350	Copper	7440-50-8	100	62.113	62.113
5	Heatsink Plating	Nickel Plating	1	Nickel	7440-02-0	100	0.046	0.046
6	Substrate	Ceramic	115.68	Alumina	1344-28-1	99.59	5.3	5.322
				Silicon Dioxide	7631-86-9	0.41	0.022	
7	Resistor Material	Thick film	2.02	Silver	7440-22-4	21.28	0.02	0.094

MATERIAL DECLARATION SHEET



				Platinum	7440-06-4	29.7	0.028	
				Lead Monoxid	1317-36-8	10.4	0.01	
				Silicon Dioxide	7631-86-9	15.84	0.015	
				Ruthenium Dioxide	12036-10-1	17.33	0.016	
				Lead Ruthenium Oxid	37194-88-0	5.45	0.005	
8	Coating	Epoxy	0.12	Epoxy	68928-70-1	100	0.005	0.005
9	Cover	Silicone Based	2	Silicon	63148-62-9	100	0.092	0.092
10	Mold	Fortron 1140L4	400	Polyphenylensulfid	26125-40-6	100	18.404	18.404
		Total weight	2173.46					

This Document was updated on: 2024/7/22

Important remarks:

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