


MATERIAL DECLARATION SHEET



Material Number	BN-LG25Y series			
Product Line	Power NTC Thermistor for Inrush Current Limiting			
Compliance Date	07-13-2021			
RoHS Compliant	Yes	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	Ceramic Disc	Ceramic/Silver	4125.0	Manganese oxide	1313-13-9	96.30	60.14	62.45
				Silver	7440-22-4	3.70	2.31	
2	Solder	SnAgCu alloy	120.6	Tin	7440-31-5	96.5	1.77	1.83
				Silver	7440-22-4	3.0	0.05	
				Copper	7440-50-8	0.5	0.01	
3	Lead wire	Sn/Cu	820.6	Tin	7440-31-5	2.2	0.27	12.42
				Copper	7440-50-8	97.8	12.15	
4	Coating	Resin	1539.4	Silicon dioxide	60676-86-0	83.3	19.41	23.30
				Chromium oxide	1308-38-9	3.7	0.86	
				Titanium dioxide	13463-67-7	1.2	0.28	
				Silicone Resin	Trade secret	8.6	2.00	
				Additives, not to declare	N/A	3.2	0.75	
		Total Weight	6605.6					

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Important remarks: It is the responsibility of the user to verify they are accessing the latest version.