


MATERIAL DECLARATION SHEET



Material Number	BN-LG10Y series			
Product Line	Power NTC Thermistor for Inrush Current Limiting			
Compliance Date	2021-07-13			
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	475.0	Manganese oxide	1313-13-9	96.30	37.74	39.19
				Silver	7440-22-4	3.70	1.45	
2	Solder	SnAgCu alloy	30.2	Tin	7440-31-5	96.5	2.41	2.49
				Silver	7440-22-4	3.0	0.07	
				Copper	7440-50-8	0.5	0.01	
3	Lead wire	Sn/Cu	378.9	Tin	7440-31-5	2.2	0.69	31.26
				Copper	7440-50-8	97.8	30.57	
4	Coating	Resin	327.9	Silicon dioxide	60676-86-0	83.3	22.54	27.06
				Chromium oxide	1308-38-9	3.7	1.00	
				Titanium dioxide	13463-67-7	1.2	0.32	
				Silicone Resin	Trade secret	8.6	2.33	
				Additives not to declare	N/A	3.2	0.87	
		Total Weight	1212.0					

This Document was updated on: 2021/07/13

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