


MATERIAL DECLARATION SHEET



Material Number	BN-LG08Y 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	193.5	Manganese oxide	1313-13-9	96.30	25.40	26.38
				Silver	7440-22-4	3.70	0.98	
2	Solder	SnAgCu alloy	18.0	Tin	7440-31-5	96.5	2.37	2.45
				Silver	7440-22-4	3.0	0.07	
				Copper	7440-50-8	0.5	0.01	
3	Lead wire	Sn/Cu	275.6	Tin	7440-31-5	2.2	0.83	37.57
				Copper	7440-50-8	97.8	36.74	
4	Coating	Resin	246.4	Silicon dioxide	60676-86-0	83.3	28.0	33.60
				Chromium oxide	1308-38-9	3.7	1.24	
				Titanium dioxide	13463-67-7	1.2	0.40	
				Silicone Resin	Trade secret	8.6	2.89	
				Additive, not to declare	NA	3.2	1.07	
		Total Weight	733.5					

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.