


MATERIAL DECLARATION SHEET



Material Number	BN-LG05Y 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	99.7	Manganese oxide	1313-13-9	96.30	22.66	23.53
				Silver	7440-22-4	3.70	0.87	
2	Solder	SnAgCu alloy	12.4	Tin	7440-31-5	96.5	2.83	2.93
				Silver	7440-22-4	3.0	0.88	
				Copper	7440-50-8	0.5	0.02	
3	Lead wire	Sn/Cu	228.8	Tin	7440-31-5	2.2	1.19	54.00
				Copper	7440-50-8	97.8	52.81	
4	Coating	Resin	82.8	Silicon dioxide	60676-86-0	83.3	16.28	19.54
				Chromium oxide	1308-38-9	3.7	0.72	
				Titanium dioxide	13463-67-7	1.2	0.23	
				Silicone Resin	Trade secret	8.6	1.68	
				Additive, not to declare	N/A	3.2	0.63	
		Total Weight	423.7					

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.