

MATERIAL DECLARATION SHEET



Material Number	LPA0618-501KL			
Product Line	POWER INDUCTOR			
Compliance Date	2016/05/31			
RoHS Compliant	YES	MSL	1	

No.	Construction Element(subpart)	Homogeneous Material	Material weight [g]	Homogeneous Material\ Substances	CASRN if applicable	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
1	CORE	C5A	0.725	Iron oxide	1309-37-1	60.0	35.68	55.77
				Zinc oxide	1314-13-2	20.0	11.89	
				Cupric oxide	1317-38-0	10.0	5.95	
				Nickel oxide	1313-99-1	10.0	5.95	
2	LEAD WIRE	Ag/Sn/Cu	0.220	Iron	7439-89-6	76.0	12.58	16.92
				Copper	7740-50-8	20.0	3.31	
				Tin	7440-31-5	3.7	0.61	
				Nickel	7740-02-0	0.3	0.05	
3	Winding Wire	2SFBW	0.250	Copper	7440-50-8	95.0	18.27	19.23
				Polyester Resin	68604-67-1	5.0	0.96	
4	Adhesive	2089	0.05	Epoxy Resin	25085-99-8	53.8	2.07	3.85
				Dicyandiamide	461-58-5	8.6	0.33	
				Calcium carbonate	471-34-1	37.6	1.45	
5	Solder	0505H	0.025	Copper	7440-50-8	0.5	0.01	1.92
				Tin	7440-31-5	99.0	1.90	
				Silver	7440-22-4	0.5	0.01	
6	TUBE	NHR2	0.03	Polyethylene	9002-88-4	55.0	1.27	2.31
				Magnesium Hydroxide	1309-42-8	38.0	0.88	
				Carbon black	1333-86-4	4.0	0.09	
				Phosphorous	7723-14-0	3.0	0.07	
Total weight			1.3					

This Document was updated on: 2016/5/31

Important remarks:

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