

MATERIAL DECLARATION SHEET

BOURNS®

Material Number	2100HT-100-V-RC			
Product Line	High Current Toroid Inductor			
Compliance Date	01/01/2006			
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	Toroid core	Iron Powder	6.323	Iron Powder	7439-89-6	95.5	82.35	95.75
				Resin	Trade Secret	3.57	9.58	
				Lubricant	67701-02-4	0.93	2.39	
		Brown Paint	0.1905	epoxy resin	25068-38-6	75	0.540	
				solvent naphtha	64742-95-6	15	0.108	
				titanium dioxide	13463-67-7	6.7	0.048	
				3-(2,3-epoxypropoxy) propyl trimethoxy	2530-83-8	3	0.022	
				para-nolylphenol	84852-15-3	0.3	0.002	
		Black Paint	0.1905	epoxy resin	25068-38-6	75	0.540	
				solvent naphtha	64742-95-6	15	0.108	
				3-(2,3-epoxypropoxy) propyl trimethoxy	2530-83-8	9.7	0.070	
				para-nolylphenol	84852-15-3	0.3	0.002	
2	Magnet Wire	Copper	0.01	Copper	7440-50-8	100	0.10	0.11
			0.003	THEIC Polyester	26061-97-2	75	0.007	
				Polyamidimide con	25053-57-0	25		
3	Tape	Epoxy/Polyester	0.080	Glass Cloth Backing	65997-17-3	75	0.714	1.14
				Silicon Adhesive	68951-93-9	25	0.428	
4	Adhesive	Epoxy Resin	0.180	Epoxy Resin	25068-38-6	86.67	2.228	2.57
				Oxirane	2426-08-6	10.0	0.257	
				Silica, Amorphous	112945-52-5	3.33	0.086	
5	Solder	Tin	0.030	Tin	7440-31-5	95.2	0.408	0.43
				Silver	7440-22-4	3.8	0.016	
				Copper	7440-50-8	1.0	0.004	
		Total weight	7.00					

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