


MATERIAL DECLARATION SHEET

BOURNS®

Material Number	2105-H-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	6.742	Iron Powder	7439-89-6	95.5	91.179	96.045
				Resin	Trade Secret	3.57	2.40	
				Lubricant	67701-02-4	0.93	0.48	
		Blue Paint	0.071	epoxy resin	25068-38-6	75	0.75	
				solvent naphtha	64742-95-6	15	0.15	
				titanium dioxide	13463-67-7	6.7	0.06	
				3-(2,3-epoxypropoxy) propyl trimethoxy	2530-83-8	3	0.03	
		Green Paint	0.071	para-nolyphenol	84852-15-3	0.3	0.003	
				epoxy resin	25068-38-6	75	0.75	
				solvent naphtha	64742-95-6	15	0.15	
3-(2,3-epoxypropoxy) propyl trimethoxy	2530-83-8			9.7	0.09			
2	Magnet Wire	Copper	0.005	Epoxy / Polyester	65997-17-3	100	0.07	0.075
			0.003	Silicon Adhesive	Mixture	75	0.005	
				Polyamidimide con	25053-57-0	25		
3	Tape	Epoxy/Polyester	0.080	Epoxy / Polyester	65997-17-3	62.5	0.670	1.07
				Silicon Adhesive	Mixture	37.5	0.400	
4	Adhesive	Epoxy Resin	0.180	Epoxy Resin	25068-38-6	86.67	2.090	2.41
				Oxirane	2426-08-6	10.0	0.241	
				Silica, Amorphous	112945-52-5	3.33	0.080	
5	Solder	Tin	0.030	Tin	7440-31-5	95.2	0.381	0.40
				Silver	7440-22-4	3.8	0.015	
				Copper	7440-50-8	1.0	0.004	

Headquarters Riverside CA

Total weight

7.182

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