

MATERIAL DECLARATION SHEET

BOURNS®

Material Number	5703-RC			
Product Line	High Current Toroid Inductor			
Compliance Date	Dec 02, 2015			
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	5.839	Iron Powder	7439-89-6	95.5	93.151	99.53		
				Resin	Trade Secret	3.57	3.482			
				Lubricant	110-30-5	0.93	0.901			
		White Paint	1.541	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			
				para-nolylphenol	84852-15-3	0.3	0.003			
				Yellow Paint	1.541	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			
		para-nolylphenol	84852-15-3			0.3	0.003			
2	Magnet Wire	Copper	0.00162775	Copper	7440-50-8	100	0.040	0.043		
			0.00007225	THEIC Polyester	26061-97-2	75	0.003			
				Polyamidimide con	25053-57-0	25				
				3	Tape	Epoxy/Polyester			0.080	Glass Cloth Backing
Silicon Adhesive	68951-93-9	25	0.08							
4	Solder	Tin	0.030	Tin	7440-31-5	95.2	0.105	0.11		
				Silver	7440-22-4	3.8	0.004			
				Copper	7440-50-8	1.0	0.001			
		Total weight	7.49							

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