


# MATERIAL DECLARATION SHEET

# BOURNS®

Material Number	5721-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	151.9	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	
		Yellow Paint	1.541	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	
				para-nolyphenol	84852-15-3	0.3	0.003	
2	Magnet Wire	Copper	0.062	Copper	7440-50-8	100	0.040	0.043
			0.00465	THEIC Polyester	26061-97-2	75	0.003	
3	Tape	Epoxy/Polyester	0.080	Polyamidimide con	25053-57-0	25		
				Epoxy / Polyester	65997-17-3	75	0.24	
				Silicon Adhesive	Mixture	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	