

MATERIAL DECLARATION SHEET

BOURNS®

Material Number	2224-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	12.500	Iron Powder	7439-89-6	95.5	93.151	99.53		
				Resin	Trade Secret	3.57	3.482			
				Lubricant	67701-02-4	0.93	0.901			
		Blue Paint	0.126	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-epoxypropxy) propyl trimethoxy	2530-83-8	3	0.03			
				para-nolyphenol	84852-15-3	0.3	0.003			
				Green Paint	0.126	epoxy resin	25068-38-6		75	0.75
						solvent naphtha	64742-95-6		15	0.15
		3-(2,3-epoxypropxy) propyl trimethoxy	2530-83-8			9.7	0.09			
		para-nolyphenol	84852-15-3			0.3	0.003			
2	Magnet Wire	Copper	0.005	Copper	7440508	100	0.04	0.05		
			0.0013	THEIC Polyester	26061-97-2	75	0.01			
				Polyamidimide	25053-57-0	25				
3	Tape	Epoxy/Polyester	0.080	Glass Cloth Backing	65997-17-3	75	0.24	0.32		
				Silicon Adhesive	68951-93-9	25	0.08			

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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	12.88					

***This Document was updated on: Jan 16, 2025**

Important remarks:

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