


MATERIAL DECLARATION SHEET

BOURNS®

Material Number	PM 2120-RC			
Product Line	High Current Toroid Inductor			
Compliance Date	06/30/2017			
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	16.70	Iron	7439-89-6	80%-98%	44.65	49.61
				Silicon	7440-21-3	02%-20%	2.97	
				Resin	Trade Secret	< 5%	1.24	
				Coating	Trade Secret	< 2%	0.50	
				Lubricant blend	110-30-5/5518-18-3/67701-02-4	< 1%	0.25	
2	Magnet Wire	Copper	14.90	Copper	7440-50-8	92%-99.5%	42.50	44.27
				Organic Coating	26680-22-8	0.5% -8%	1.77	
3	Tape	Epoxy/Polyester	0.12	Glass cloth, no declarables	65997-17-3	45-55	0.22	0.35
				Siloxane resin	N/A	45-55	0.13	
4	Adhesive	Epoxy Resin	0.18	Epoxy Resin	25068-38-6	86.67	0.46	0.53
				Oxirane	2426-08-6	10.0	0.05	
				Silica, Amorphous	112945-52-5	3.33	0.02	
5	Solder	Tin	0.03	Tin	7440-31-5	95.2	0.085	0.089
				Silver	7440-22-4	3.8	0.003	
				Copper	7440-50-8	1.0	0.001	
6	Header	DAP	1.73	DAP Resin	25035-78-3	25-30%	1.28	5.14
				Aluminum Trihydroxide	21645-51-2	40-50%	2.31	
				Glass Fiber	65997-17-3	25-35%	1.54	
		Total weight	33.66	*This Document was updated on: 6/30/2017				