

MATERIAL DECLARATION SHEET

BOURNS®

Material Number	PM2110 Series			
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	8.66	Iron	7439-89-6	92%	42.973%	44.76
				Resin	Trade Secret	5%	1.1190%	
				Coating	Trade Secret	2%	0.448%	
				Lubricant	67701-02-4	1%	0.224%	
2	Magnet Wire	Copper	8.00	Copper	7440508	100	42.346%	45.22
			0.56	THEIC Polyester Polyamidimide con	26061-97-2 25053-57-0	75 25	2.875%	
3	Tape	Epoxy/Polyester	0.12	Epoxy / Polyester	65997-17-3	75	0.310	0.62
				Silicon Adhesive	Mixture	25	0.310	
4	Adhesive	Epoxy Resin	0.18	Epoxy Resin	25068-38-6	86.67	0.806	0.93
				Oxirane	2426-08-6	10.0	0.093	
				Silica, Amorphous	112945-52-5	3.33	0.031	
5	Solder	Tin	0.07	Tin	7440-31-5	95.2	0.344	0.36
				Silver	7440-22-4	3.8	0.014	
				Copper	7440-50-8	1.0	0.004	

6	Header	DAP	1.76	DAP Resin	25035-78-3	30%	2.502	9.33
				Aluminum	21645-51-2	45%	4.094	
				Trihydroxide				
				Glass fiber	65997-17-3	25%	2.729	
		Total weight	19.35					

This Document was updated on: 2019/3/6

Important remarks:

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