

MATERIAL DECLARATION SHEET



Reliable Electronic Solutions

Material	PM2110 Series	
Product Line	SMD POWER INDUCTOR	
Date	07-September-2006	

No.	Construction element	Material group	Material Weight [g]	Materials	CAS if applicable	Average mass [%]	Sum [%]	Traces
1	Core	Iron Powder	8.7	Iron	7439-89-6	84.4	100	
				Resin	Trade Secret	9.8		
				Coating	Trade Secret	3.9		
				Lubricant	110-30-5/5518-18-3/67701-02-4	1.9		
2	Tape	Epoxy-Polyester Film Tape	0.15	Epoxy-Polyester Film;	None	62.5	100	
				Polymeric Adhesive	None	37.5		
3	Solder	Bar Solder Sn96.5-Ag3.0Cu0.5	0.005	Sn	7440-31-5	96.5	100	
				Cu	7440-50-8	0.5		
				Ag	Pending	3.0		
4	Base	Base & Terminal of Plastic	1.76	DAP	N/A	N/A	100	



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5	Wire	Enamelled Copper Wire	11.0	Cu	7440-50-8	91.8~99.50	100
				Nylon Polyurethane Coating	N/A	0.5~8.2	
6	Adhesive	Epoxy	0.13	Epoxy Oxirane Silica,Amorphous	25068-38-6 2426-08-6 112945-52-5	N/A	100
			Total weight	22.1			

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Important remarks:

1. Traces are product parts substances etc. that are below a percentage of 0.1% of total weight.
2. A list of the legally regulated substances or materials is available at internet address <http://www.eicta.org/content.asp?pageID=113>
3. Substances, materials etc. with possible harm to men and environment are listed.
4. There are no risks for human beings and to the environment if products are used properly as designated. This shall not apply to risks caused during procedures for disposal etc.
5. All statements herein are based on our present knowledge.