


MATERIAL DECLARATION SHEET



Material Number	PM74SB Series			
Product Line	Shielded SMD Power Inductor			
Compliance Date	2019/03/14			
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	DR CORE +RI CORE	Ferrite	0.547	Iron oxide (Fe2O3)	1309-37-1	62.0	43.47	70.13
				Zinc oxide (ZnO)	1314-13-2	20.0	14.03	
				Cupric oxide(CuO)	1317-38-0	10.0	7.01	
				Nickel oxide (NiO)	1313-99-1	8.0	5.61	
2	WIRE	Copper	0.128	Copper(Cu)	7440-50-8	100.0	16.44	17.31
			0.007	Polyurethane resin	9009-54-5	100.0	0.87	
3	Terminal	Plating	0.002	Silver(Ag)	7440-22-4	46.0	0.12	0.26
				Nickel (Ni)	7440-02-0	18.0	0.05	
				Tin (Sn)	7440-31-5	36.0	0.09	
4	GAP	LCP	0.056	Aromatic polyester resin	60088-52-0	70.0	5.03	7.18
				Glass fiber	65997-17-3	30.0	2.15	
5	Adhesive	Adhesive	0.010	Epoxy Resin	25085-99-8	50.0	0.64	1.28
				Epoxide Diluent	26761-45-5	7.0	0.09	
				Dicyandiamide	461-58-5	8.0	0.10	
				Calcium carbonate	471-34-1	35.0	0.45	
6	Adhesive	Adhesive	0.015	Bisphenol A Epoxy Resin	25068-38-6	61.0	1.12	1.92
				alkyl glycidyl ether	68609-97-2	5.0	0.08	
				Dicyandiamide	461-58-5	6.0	0.19	
				Carbon Black	1333-86-4	5.0	0.10	
				Aluminum hydroxide	21645-51-2	23.0	0.42	

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7	Solder	Tin	0.015	Tin (Sn)	7440-31-5	99.0	1.90	1.92
				Silver(Ag)	7440-22-4	0.5	0.01	
				Copper(Cu)	7440-50-8	0.5	0.01	
				Total weight	0.78			

This Document was updated on: 2019/03/14

Important remarks:

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