

MATERIAL DECLARATION SHEET



Material Number	PM3604-Series			
Product Line	SMD POWER INDUCTOR			
Compliance Date	01-July-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	Core	T30-52	0.814	Iron oxide (Fe ₂ O ₃)	1309-37-1	69.6	28.3	40.6
				Manganese oxide(MnO)	1344-43-0	21.7	8.8	
				Zinc oxide (ZnO)	1314-13-2	8.65	3.5	
				Calcium hydroxide Ca(OH) ₂	1305-62-0	0.05	0.02	
2	Wire	P180-G2	0.43	Copper (Cu)	7440-50-8	95	20.5	21.6
				Polyurethane resin	9009-54-5	5	1.1	
3	Case	WH9100-HM	0.573	DAP	25035-78-3	25	7.2	28.7
				Filler (ATH)	21645-51-2	45	12.9	
				Glass Fiber	N/A	30	8.6	
4	Terminal	Lead-free solder	0.03	Tin (Sn)	7440-31-5	96.5	1.45	1.5
				Silver (Ag)	7440-22-4	3	0.05	
				Copper (Cu)	7440-50-8	0.5	0.01	
5	Adhesive	6020H-2	0.05	Bis-phenol A type epoxy resin	25068-38-6	63	1.58	2.6
				Epoxide Thinning Agent	68609-97-2	3	0.08	
				Potential Hardener	693-98-1	5	0.13	
				Carbon black (C)	1333-86-4	3	0.08	
				Silica amorphous (SiO ₂)	7631-86-9	26	0.7	
	9001A-87-QR	0.1	Bis-phenol A type epoxy resin	25068-38-6	63	3.2	5.1	

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				Epoxide Thinning Agent	68609-97-2	2	0.1	
				Carbon black (C)	1333-86-4	5	0.25	
				Hydrogen alumina Al (OH) ₃	21645-51-2	30	1.5	
		Total weight	1.997					

This Document was updated on: 1-April-2009

Important remarks:

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