

MATERIAL DECLARATION SHEET



Material Number	PM3700 Series			
Product Line	SMD COMMON MODE CHOKE			
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	A151	2.846	Iron oxide (Fe ₂ O ₃)	1317-60-8	70	32.3%	46.1
				Zinc oxide (ZnO)	1317-60-8	15	6.9%	
				Manganese oxide(MnO)	1344-43-0	15	6.9%	
2	Wire	2-SFBW	1.9	Copper (Cu)	7440-50-8	95	29.3 %	30.8
				Polyester Resin	N/A	5	1.5%	
3	Case	WH9100F	1.023	DAP	25035-78-3	25	4.15%	16.6
				Filler (ATH)	21645-51-2	45	7.47%	
				Glass Fiber	12681	30	4.98%	
4	Terminal	Lead-free solder	0.01	Tin (Sn)	7440-31-5	96.5	0.193%	0.2
				Silver (Ag)	7440-22-4	3	0.006%	
				Copper (Cu)	7440-50-8	0.5	0.001%	
5	Adhesive	6020H-2	0.12	Bis-phenol A type epoxy resin	25068-38-6	63	1.197%	1.9
				Epoxide Thinning Agent	68609-97-2	3	0.057%	
				Potential Hardener	693-98-1	5	0.095%	
				Carbon black (C)	1333-86-4	3	0.057%	
				Silica amorphous (SiO ₂)	7631-86-9	26	0.494%	
	6020H-6-3		0.27	Bis-phenol A type epoxy resin	25068-38-6	63	2.8%	4.4
Epoxide Thinning Agent				68609-97-2	3	0.13%		

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				Potential Hardener	693-98-1	5	0.2%	
				Carbon black (C)	1333-86-4	3	0.13%	
				Silica amorphous (SiO ₂)	7631-86-9	26	1.14%	
		Total weight	6.169					

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.