



MATERIAL DECLARATION SHEET



Material Number	PM3340 series			 
Product Line	SMD Power Inductor			
Compliance Date	2012/3/26			
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	Ferrite	0.700	Iron oxide	1309-37-1	60	30.882	51.47
				Zinc oxide	1314-13-2	20	10.294	
				Copper oxide	1317-38-0	15	7.721	
				Nickel oxide	1313-99-1	5	2.574	
2	Wire	Copper	0.479	Copper	7440-50-8	100	35.221	35.22
3	Base	LCP	0.120	Liquid Crystal Polymer	60088-52-0	100	8.824	8.82
4	Clip	Copper alloy	0.051	Copper	7440-50-8	98	3.675	3.75
		Tin plating		Tin	7440-31-5	1	0.038	
		Nickel barrier		Nickel	7440-02-0	1	0.038	
5	Epoxy	Adhesive	0.009	Bisphenyl epoxy resin	25068-38-6	61	0.404	0.66
				2-Methylimidazole	693-98-1	12	0.079	
				Carbon black	1333-86-4	4	0.026	
				Silicon dioxide	7631-86-9	23	0.152	
6	Ink	Paint	0.001	Polyethylene	9002-88-4	2.4	0.00168	0.07
				Silica	112945-52-5	2.4	0.00168	
				Titanium dioxide	13463-67-7	95.2	0.0666	
Total weight			1.36					

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