


MATERIAL DECLARATION SHEET



Material Number	SM-LP-5001			
Product Line	600.600 Transformer			
Compliance Date	March 27, 2005			
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	Lamination	1.28	Nickel	7440-02-0	80	39.69	49.61
				Iron	7439-89-6	15.3	7.59	
				Molybdenum	7439-98-7	4.2	2.08	
				Manganese	7439-96-5	0.5	0.25	
2	Solder	Solder	0.1	Tin	7440-31-5	96.5	3.73	3.87
				Silver	7440-22-4	3	0.12	
				Copper	7440-50-8	0.5	0.02	
3	Can	Phenolic molding compound	0.25	Phenol polymer	9003-35-4	40	3.88	9.69
				Glass fiber	65997-17-3	55	5.33	
				Stearic acid	61790-38-3	2.5	0.24	
				Carbon black	1333-86-4	2.5	0.24	
4	Copper wire	Enamelled copper wire	0.17	Copper	7440-50-8	95	6.26	6.59
				Polyester resin	68604-67-1	5	0.33	
5	Potting compound	Epoxy	0.49	Modified epoxy	25085-99-8	51	9.68	18.99
				Aluminum hydroxide	21645-51-2	28	5.32	
				Ammonium pyrophosphate	68333-79-9	18	3.42	
				Carbon black	1333-86-4	3	0.57	
6	Bobbin	Copper pins	0.03	Copper	7440-50-8	96	1.12	1.17
		Tin plating		Tin	7440-31-5	4	0.05	
		Liquid Crystal Polymer	0.26	Aromatic polyester resin	6008-52-0	100	10.08	10.08
Total weight			2.58					

This Document was updated on: **March 10, 2008**

Important remarks:

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