

# MATERIAL DECLARATION SHEET



Material Number	SM-LP-5001-3E			
Product Line	TRANSFORMER			
Compliance Date	2021.07.05			
RoHS Compliant	YES	MSL	N/A	

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	BOBBIN	LCP E4008	0.4	Aromatic Polyester Resin	60088-52-0	45	7.5015	16.67
				Glass fiber	65997-17-3	54.5	9.08515	
				Carbon Black	1333-86-4	0.5	0.08335	
2	WIRE	P180	0.2	Copper	7440-50-8	95	7.9135	8.33
				Polyurethane	26680-22-8	5	0.4165	
3	TAPE	KA180	0.03	Polyimide	62929-02-6	40	0.5	1.25
				Silicone Resin	63394-02-5	60	0.75	
4	Solder Bar	SN-3.0Ag-0.5Cu	0.1	Tin	7440-31-5	96.5	4.02405	4.17
				Copper	7440-50-8	0.5	0.02085	
				Silver	7440-22-4	3	0.1251	
5	CORE	LAMINATION	1	Nickel	7440-02-0	65	27.0855	41.67
				Iron	7439-89-6	30	12.501	
				Molybdenum	7439-98-7	5	2.0835	

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6	CASE	PM-9630	0.38	Phenolic resin	9003-35-4	45	7.1235	15.83
				Glass fiber	65997-17-3	45	7.1235	
				Aluminum silicate	92704-41-1	6	0.9498	
				Stearic acid	61790-38-3	2	0.3166	
				Carbon black	1333-86-4	2	0.3166	
7	EPOXY	3300	0.05	Epoxy resin	24969-06-0	54.9	1.1419	2.08
				Silicon	7440-21-3	4.4	0.0915	
				Carbon Black	1333-86-4	6.6	0.1373	
				Aluminum hydroxide	21645-51-2	26.4	0.5491	
				Dicyandiamide	461-58-5	7.7	0.1601	
8	EPOXY	3300A	0.24	Epoxy Resin	24969-06-0	58	5.8000	10.0
				Silicon	7440-21-3	6	0.6000	
				Carbon black	1333-86-4	5	0.5000	
				Aluminium hydroxide	21645-51-2	27	2.7000	
				Dicyanodiamide	461-58-5	4	0.4000	
		Total weight	<b>2.4g</b>					

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**This Document was updated on: 2021/7/8**

**Important remarks:**

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