


MATERIAL DECLARATION SHEET



Material Number	POE012-EP13033S			
Product Line	Transformer			
Compliance Date	2021/1/5			
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	BOBBIN	PM-9630(JT BLACK)	1.94	Phenolic Resin	9003-35-4	40.9%	12.655	30.94%
				Aluminum Silicate	92704-41-1	5.1%	1.578	
				Glass Fiber	65997-17-3	51%	15.779	
				Carbon Black	1333-86-4	2%	0.619	
				Zinc Stearate	557-05-1	1%	0.309	
2	WIRE	UEW-F(NY)	0.73	Copper	7440-50-8	80%	9.314	11.64%
				Modified Polyurethane	116-14-3	20%	2.329	
3	WIRE	UEWH	0.86	Copper	7440-50-8	98%	13.442	13.72%
				Polyurethane	68400-69-9	2%	0.274	
4	TAPE	1350F-2 Yellow color	0.1	Aluminum tris (2,4-Pentanedionato)	13963-57-0	15.5%	0.247%	1.59%
				Decabromodiphenol-ethane	84852-53-9	13%	0.207%	
				Titanium dioxide	13463-67-7	10%	0.159%	
				Yellow pigment 155	68516-73-4	3%	0.048%	
				Antimony trioxide	1309-64-4	2%	0.032%	
5	TAPE	MXPI-310#	0.1	PI film	NA	44%	0.702%	1.59%
				Silicone	NA	56%	0.893%	
6	CORE	P4	2.13	Fe2O3	1309-37-1	71%	24.120%	33.97%

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				Mn3O4	1317-35-7	20%	6.794%	
				ZnO	1314-13-2	9%	3.057%	
7	GLUE	S-9001	0.1	Bisphenol A type epoxy resin	25036-25-3	60%	0.957%	1.59%
				Epoxy thinners	68609-97-2	2%	0.032%	
				Latent curing agent	693-98-1	10%	0.159%	
				additive	108-88-3	1%	0.016%	
				pigment	1333-86-4	5%	0.080%	
				filler	7631-86-9	22%	0.351%	
9	SOLDER	M20	0.1	Sn	7440-31-5	99.3%	1.584%	1.59%
				Copper	7440-50-8	0.7%	0.011%	
10	TERMINAL	C5191	0.21	COPPER	7440-50-8	88.8%	2.974%	3.35%
				Nickel	7440-02-0	1%	0.033%	
				Tin	7440-31-5	10%	0.335%	
				Phosphorous	7723-14-0	0.2%	0.007%	
		Total weight	6.27					

This Document was updated on: 2021/1/5