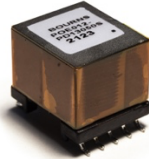


MATERIAL DECLARATION SHEET



Material Number	POE025-EP13050S			
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)	1.41	Phenolic Resin	9003-35-4	40.9%	9.039	22.10%
				Aluminum Silicate	92704-41-1	5.1%	1.127	
				Glass Fiber	65997-17-3	51%	11.271	
				Carbon Black	1333-86-4	2%	0.442	
				Zinc Stearate	557-05-1	1%	0.221	
2	WIRE	UEW-F(NY)	0.8	Copper	7440-50-8	80%	10.031	12.54%
				Modified polyurethane	26680-22-8	20%	2.508	
3	WIRE	UEWH	1.2	Copper	7440-50-8	98%	18.433	18.80%
				Polyurethane	68400-69-9	2%	0.376	
4	TAPE	MXPI-310#	0.1	Polyimide film	62929-02-6	44%	0.690	1.57%
				Acrylate polymer	9017-68-9	56%	0.878	
5	CORE	P4	2.46	Iron oxide	1309-37-1	71%	27.376	38.56%
				Manganese oxide	1317-35-7	20%	7.712	
				Zinc oxide	1314-13-2	9%	3.470	
6	GLUE	S-9001	0.1	Epoxy resin	25036-25-3	67.4%	1.058	1.57%
				Alkyd glycidyl ether	68609-97-2	2.3%	0.036	
				Carbon black	1333-86-4	5.6%	0.088	
				Silicon dioxide	7631-86-9	24.7%	0.388	

MATERIAL DECLARATION SHEET



7	SOLDER	M20	0.1	Tin	7440-31-5	99.3%	1.556	1.57%
				Copper	7440-50-8	0.7%	0.011	
8	TERMINAL	C5191	0.21	Copper	7440-50-8	88.8%	2.923%	3.29%
				Nickel	7440-02-0	1%	0.033%	
				Tin	7440-31-5	10%	0.329%	
				Phosphorous	7723-14-0	0.2%	0.007%	
				Total weight	6.38			

This Document was updated on: 2021/1/5