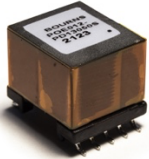


MATERIAL DECLARATION SHEET



Material Number	POE012-PD13050S			
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)	2.206	Phenolic Resin	9003-35-4	40.9%	10.368	25.35%
				Aluminum Silicate	92704-41-1	5.1%	1.293	
				Glass Fiber	65997-17-3	51%	12.929	
				Carbon Black	1333-86-4	2%	0.507	
				Zinc Stearate	557-05-1	1%	0.254	
2	WIRE	UEW-F(NY)	0.8	Copper	7440-50-8	80%	7.356	9.20%
				Modified polyurethane	26680-22-8	20%	1.839	
3	WIRE	UEWH	1.2	Copper	7440-50-8	98%	13.517	13.79%
				Polyurethane	68400-69-9	2%	0.276	
4	TAPE	MXPI-310#	0.2	Polyimide film	62929-02-6	44%	1.011	2.3%
				Acrylate polymer	9017-68-9	56%	1.287	
5	CORE	DP95	3.74	Iron oxide	1309-37-1	70%	30.092	42.99%
				Manganese oxide	1317-35-7	20%	8.598	
				Zinc oxide	1314-13-2	10%	4.299	
6	GLUE	S-9001	0.1	Epoxy resin	25036-25-3	67.4%	0.775	1.15%
				Alkyd glycidyl ether	68609-97-2	2.3%	0.027	
				Carbon black	1333-86-4	5.6%	0.064	
				Silicon dioxide	7631-86-9	24.7%	0.084	
7	SOLDER	M20	0.1	Tin	7440-31-5	99.3%	1.141	1.15%

MATERIAL DECLARATION SHEET



				Copper	7440-50-8	0.7%	0.009	
8	TERMINAL	C5191	0.354	Copper	7440-50-8	88.8%	3.613%	4.07%
				Nickel	7440-02-0	1%	0.041%	
				Tin	7440-31-5	10%	0.407%	
				Phosphorous	7723-14-0	0.2%	0.008%	
				Total weight		8.7		

This Document was updated on: 2021/1/5