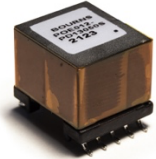


MATERIAL DECLARATION SHEET



Material Number	POE030-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)	2.236	Phenolic Resin	9003-35-4	40.9%	9.996	24.43%
				Aluminum Silicate	92704-41-1	5.1%	1.264	
				Glass Fiber	65997-17-3	51.0%	12.22	
				Carbon Black	1333-86-4	2%	0.489	
				Zinc Stearate	557-05-1	1%	0.244	
2	WIRE	UEW-F(NY)	1.02	Copper	7440-50-8	80%	8.918	11.15%
				Modified Polyurethane	26680-22-8	20%	2.232	
3	WIRE	UEWH	1.2	Copper	7440-50-8	98%	12.848	13.11%
				Polyurethane	68400-69-9	2%	2.622	
4	TAPE	MXPI-310#	0.2	Polyimide3 film	62929-02-6	44%	0.962	2.19%
				Acrylate Polymer	9017-68-9	56%	1.224	
5	CORE	DP95	3.74	Iron oxide	1309-37-1	70%	28.612	40.87%
				Manganese oxide	1317-35-7	20%	8.175	
				Zinc oxide	1314-13-2	10%	4.087	
6	GLUE	S-9001	0.2	Epoxy resin	25036-25-3	67.4%	1.476	2.19%
				Alkyd glycidyl ether	68609-97-2	2.3%	0.050	
				Carbon black	1333-86-4	5.6%	0.109	

MATERIAL DECLARATION SHEET



				Silicon dioxide	7631-86-9	24.7%	0.541	
7	SOLDER	M20	0.2	Tin	7440-31-5	99.3%	2.175	2.19%
				Copper	7440-50-8	0.7%	0.015	
8	TERMINAL	C5191	0.354	Copper	7440-50-8	88.8%	3.436	3.87%
				Nickel	7440-02-0	1%	0.039	
				Tin	7440-31-5	10%	0.387	
				Phosphorous	7723-14-0	0.2%	0.008	
				Total weight	9.15			

This Document was updated on: 2021/1/5