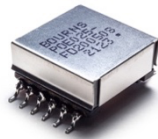


MATERIAL DECLARATION SHEET



Material Number	POE028-FD20050S			
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%	7.145	17.47%
				Aluminum Silicate	92704-41-1	5.1%	0.891	
				Glass Fiber	65997-17-3	51.0%	8.910	
				Carbon Black	1333-86-4	2%	0.349	
				Zinc Stearate	557-05-1	1%	0.175	
2	WIRE	UEW-F(NY)	1.59	Copper	7440-50-8	80%	9.938	12.42%
				Modified Polyurethane	26680-22-8	20%	2.484	
3	WIRE	UEWH	1.2	Copper	7440-50-8	98%	9.192	9.38%
				Polyurethane	68400-69-9	2%	0.188	
4	TAPE	1350F-2 Yellow color	0.2	Aluminum tris (2,4-Pentanedionato)	13963-57-0	35.6%	0.555	1.56%
				Decabromodiphenyl -ethane	84852-53-9	29.9%	0.466	
				Titanium dioxide	13463-67-7	23%	0.359	
				Yellow pigment 155	68516-73-4	6.9%	0.108	
				Antimony trioxide	1309-64-4	4.6%	0.072	
5	TAPE	1218	0.1	Acrylate polymer	9017-69-8	60%	0.467	0.78%
				Polyimide film	62929-02-6	40%	0.313	
6	CORE	P47	3.74	Iron oxide	1309-37-1	72%	21.038	29.22%

MATERIAL DECLARATION SHEET



				Manganese oxide	1317-35-7	22%	6.428	
				Zinc oxide	1314-13-2	6%	1.753	
7	GLUE	S-9001	0.2	Epoxy resin	25036-25-3	67.4%	1.051	1.56%
				Alkyd glycidyl ether	68609-97-2	2.3%	0.036	
				Carbon black	1333-86-4	5.6%	0.087	
				Silicon dioxide	7631-86-9	24.7%	0.385	
				Carbon	7440-44-0	0.15%	0.035	
8	CLIP	SUS301	2.98	Manganese	7439-96-5	2%	0.466	23.28%
				Silicon	7440-21-3	1%	0.233	
				Chromium	7440-47-3	18%	4.191	
				Nickel	7440-02-0	8%	1.863	
				Phosphorous	7723-14-0	0.045%	0.010	
				Sulfur	7704-34-9	0.03%	0.007	
				Iron	07439-89-6	70.77%	16.476	
9	SOLDER	M20	0.2	Tin	7440-31-5	99.3%	1.552	1.56%
				Copper	7440-50-8	0.7%	0.011	
10	TERMINAL	C5191	0.354	Copper	7440-50-8	88.8%	2.456	2.77%
				Nickel	7440-02-0	1%	0.028	
				Tin	7440-31-5	10%	0.277	
				Phosphorous	7723-14-0	0.2%	0.006	
				Total weight	12.8			

This Document was updated on: 2021/1/5