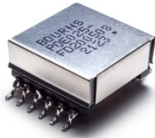


MATERIAL DECLARATION SHEET



Material Number	POE025-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%	6.773	16.56%
				Aluminum Silicate	92704-41-1	5.1%	0.845	
				Glass Fiber	65997-17-3	51.0%	8.446	
				Carbon Black	1333-86-4	2%	0.331	
				Zinc Stearate	557-05-1	1%	0.166	
2	WIRE	UEW-F(NY)	1.59	Copper	7440-50-8	80%	9.422	11.78%
				Modified polyurethane	26680-22-8	20%	2.356	
3	WIRE	UEWH	1.4	Copper	7440-50-8	98%	10.163	10.37%
				Polyurethane	68400-69-9	2%	0.207	
4	TAPE	1350F-2 Yellow color	0.2	Aluminum tris (9,2,4-Pentanedionato)	13963-57-0	35.6%	0.527	1.48%
				Decabromodiphenyl -ethane	84852-53-9	29.9%	0.443	
				Titanium dioxide	13463-67-7	23%	0.340	
				Yellow pigment 155	68516-73-4	6.9%	0.102	
				Antimony trioxide	1309-64-4	4.6%	0.068	
5	CORE	P4	4.14	Iron oxide	1309-37-1	71%	21.774	30.67%
				Manganese oxide	1317-35-7	20%	6.133	

MATERIAL DECLARATION SHEET



				Zinc oxide	1314-13-2	9%	2.760	
6	GLUE	S-9001	0.2	Epoxy resin	25036-25-3	67.4%	0.998	1.48%
				Alkyd glycidyl ether	68609-97-2	2.3%	0.034	
				Carbon black	1333-86-4	5.6%	0.083	
				Silicon dioxide	7631-86-9	24.7%	0.366	
				Carbon	7440-44-0	0.15%	0.035	
7	CLIP	SUS301	3.18	Manganese	7439-96-5	2%	0.471	23.56%
				Silicon	7440-21-3	1%	0.236	
				Chromium	7440-47-3	18%	4.240	
				Nickel	7440-02-0	8%	1.884	
				Phosphorous	7723-14-0	0.045%	0.011	
				Sulfur	7704-34-9	0.03%	0.007	
				Iron	07439-89-6	70.77%	16.670	
				Tin	7440-31-5	99.3%	1.471	
8	SOLDER	M20	0.2	Copper	7440-50-8	0.7%	0.010	1.48%
				Copper	7440-50-8	88.8%	2.329%	
9	TERMINAL	C5191	0.354	Nickel	7440-02-0	1%	0.026%	2.62%
				Tin	7440-31-5	10%	0.262%	
				Phosphorous	7723-14-0	0.2%	0.005%	
		Total weight	13.5					

This Document was updated on: 2021/1/5