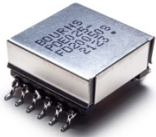


MATERIAL DECLARATION SHEET



Material Number	POE060-FD20120S			
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)	2.63	Phenolic Resin	9003-35-4	40.8%	8.127	19.92%
				Aluminum Silicate	92704-41-1	5.1%	1.016	
				Glass Fiber	65997-17-3	51.1%	10.179	
				Carbon Black	1333-86-4	2%	0.398	
				Zinc Stearate	557-05-1	1%	0.199	
2	WIRE	UEW-F(NY)	1.56	Copper	7440-50-8	80%	9.455	11.82%
				Modified Polyurethane	26680-22-8	20%	2.364	
3	WIRE	UEWH	1.36	Copper	7440-50-8	98%	10.097	10.30%
				Polyurethane	68400-69-9	2%	0.206	
4	TAPE	1350F-2 Yellow color	0.2	Aluminum tris (2,4-Pentanedionato)	13963-57-0	35.6%	0.541	1.52%
				Decabromodiphenyl-ethane	84852-53-9	29.9%	0.455	
				Titanium dioxide	13463-67-7	23.0%	0.350	
				Yellow pigment155	68516-73-4	6.9%	0.105	
				Antimony trioxide	1309-64-4	4.6%	0.070	
5	TAPE	MXPI-310#	0.2	Polyimide film	62929-02-6	44%	0.667	1.52%
				Acrylate polymer	9017-68-9	56%	0.848	
6	CORE	P4	3.56	Iron oxide	1309-37-1	71%	19.149	26.97%
				Manganese oxide	1317-35-7	20%	5.394	

MATERIAL DECLARATION SHEET



				Zinc oxide	1314-13-2	9%	2.427	
7	GLUE	S-9001	0.2	Epoxy resin	25036-25-3	67.4%	1.025	1.52%
				Alkyl glycidyl ether	68609-97-2	2.3%	0.035	
				Carbon black	1333-86-4	5.6%	0.085	
				Silicon dioxide	7631-86-9	24.7%	0.375	
8	CLIP	SUS301	2.94	Carbon	7440-44-0	0.15%	0.033	22.27%
				Manganese	7439-96-5	2%	0.445	
				Silicon	7440-21-3	1%	0.223	
				Chromium	7440-47-3	18%	4.009	
				Nickel	7440-02-0	8%	1.782	
				Phosphorous	7723-14-0	0.045%	0.010	
				Sulfur	7704-34-9	0.03%	0.007	
Iron	07439-89-6	70.77%	15.763					
9	SOLDER	M20	0.2	Tin	7440-31-5	99.3%	1.505	1.52%
				Copper	7440-50-8	0.7%	0.015	
10	TERMINAL	C5191	0.35	Copper	7440-50-8	88.8%	2.355	2.64%
				Nickel	7440-02-0	1%	0.027	
				Tin	7440-31-5	10%	0.265	
				Phosphorous	7723-14-0	0.2%	0.005	
				Total weight	13.2			

This Document was updated on: 2021/1/5