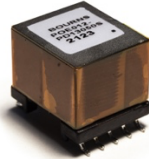


# MATERIAL DECLARATION SHEET



Material Number	POE025-PD13120S			
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%	10.552	25.80%
				Aluminum Silicate	92704-41-1	5.1%	1.316	
				Glass Fiber	65997-17-3	51.0%	13.158	
				Carbon Black	1333-86-4	2.0%	0.516	
				Zinc Stearate	557-05-1	1.0%	0.258	
2	WIRE	UEW-F(NY)	0.8	Copper	7440-50-8	80%	7.485	9.36%
				Modified Polyurethane	26680-22-8	20%	1.871	
3	WIRE	UEWH	1.2	Copper	7440-50-8	98%	13.754	14.04%
				Polyurethane	68400-69-9	2%	0.281	
4	TAPE	MXPI-310#	0.2	Polyimide film	62929-02-6	44%	1.029	2.34%
				Acrylate polymer	9017-68-9	56%	1.310	
5	CORE	DP95	3.74	Iron oxide	1309-37-1	70%	30.620	43.74%
				Manganese oxide	1317-35-7	20%	8.749	
				Zinc oxide	1314-13-2	10%	4.374	
6	GLUE	S-9001	0.1	Epoxy resin	25036-25-3	67.4%	0.789	1.17%
				Alkyd glycidyl ether	68609-97-2	2.3%	0.027	
				Carbon black	1333-86-4	5.6%	0.065	
				Silicon dioxide	7631-86-9	24.7%	0.289	

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7	SOLDER	M20	0.1	Tin	7440-31-5	99.3%	1.162%	1.17%
				Copper	7440-50-8	0.7%	0.008%	
8	TERMINAL	C5191	0.204	Copper	7440-50-8	88.8%	2.119%	2.39%
				Nickel	7440-02-0	1%	0.024%	
				Tin	7440-31-5	10%	0.239%	
				Phosphorous	7723-14-0	0.2%	0.005%	
				Total weight	<b>8.55</b>			

This Document was updated on: 2021/1/5