


MATERIAL DECLARATION SHEET



Material Number	PFBR45-SP13150S			
Product Line	transformer			
Compliance Date	2021/7/1			
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)	1.302	Phenolic Resin	9003-35-4	40%	8.496%	21.24%
				Aluminum Silicate	92704-41-1	5%	1.062%	
				Glass Fiber	65997-17-3	50%	10.620%	
				Stearic Acid	61790-38-3	2%	0.425%	
				Carbon Black	1333-86-4	2%	0.425%	
2	WIRE	UEW-F(NY)	0.692	Zinc Stearate	557-05-1	1%	0.212%	11.29%
				Copper	7440-50-8	80%	9.031%	
3	WIRE	THL-B1	1.108	Tetrafluoroethylene	116-14-3	20%	2.258%	18.08%
				Copper	7440-50-8	98%	17.72	
4	TAPE	1218	0.092	PFA	26655-00-5	2%	0.36	1.50%
				Acrylic Polymer	9017-68-9	50%	0.750%	
5	CORE	Ceramic	2.381	Polyimide	62929-02-6	50%	0.750%	38.84%
				Iron oxide	1309-37-1	70%	27.189%	
6	GLUE	S-9001	0.185	Manganese oxide	1317-35-7	17%	6.603%	3.02%
				Epoxy resin	25036-25-3	67.4%	2.035%	
				Alkyd glycidyl ether	68609-97-2	2.2%	0.066%	
				Carbon Black	1333-86-4	5.7%	0.172%	
7	SOLDER	M20	0.185	Silicon dioxide	7631-86-9	24.7%	0.746%	3.02%
				Tin	7440-31-5	99.3%	2.997%	
				Copper	7440-50-8	0.7%	0.021%	

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8	TERMINAL	PHOSPHOR BRONZE TIN	0.185	Copper	7440-50-8	88.8%	2.680%	3.02%
				Nickel	7440-02-0	1%	0.030%	
				Tin	7440-31-5	10%	0.302%	
				Phosphorous	7723-14-0	0.2%	0.006%	
		Total weight	6.13					

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