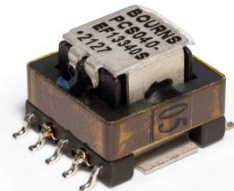


# MATERIAL DECLARATION SHEET



Material Number	<b>PCS Series</b>			
Product Line	<b>Transformer</b>			
Compliance Date	<b>2021/1/5</b>			
RoHS Compliant	<b>Yes</b>	MSL	<b>1</b>	

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	PM9630	1.27	Phenolic Resin	9003-35-4	40%	9.769%	24.423%
				Aluminum Silicate	92704-41-1	5%	1.221%	
				Glass Fiber	65997-17-3	50%	12.212%	
				Stearic Acid	61790-38-3	2%	0.488%	
				Carbon Black	1333-86-4	2%	0.488%	
				Zinc Stearate	557-05-1	1%	0.244%	
2	WIRE	XUEW	0.52	Copper	7440-50-8	80%	8.000%	10.00%
				tetrafluoroethylene	116-14-3	20%	2.000%	
3	WIRE	UEWH	0.5	Copper	7440-50-8	98%	9.423%	9.615%
				Polyurethane	68400-69-9	2%	0.192%	
4	TAPE	PI-310	0.05	Polyimide film	62929-02-6	44%	0.423%	0.962%
				VMQ -Silicone Rubber	68584-85-4	56%	0.538%	
5	CORE	P4	1.36	Iron oxide	1309-37-1	71%	18.569%	26.154%
				Manganese oxide	1317-35-7	20%	5.231%	
				Zinc oxide	1314-13-2	9%	2.354%	
6	GLUE	S-9001	0.1	Epoxy resin	25068-38-6	100%	1.923%	1.92%
7	CLIP	SUS301	1.2	Carbon	7440-44-0	0.15%	0.035%	23.077%
				Manganese	7439-96-5	2%	0.462%	
				Silicon	7440-21-3	1%	0.231%	
				Chromium	7440-47-3	18%	4.154%	
				Nickel	7440-02-0	8%	1.846%	

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				Phosphorous	7723-14-0	0.045%	0.010%	
				Sulfur	7704-34-9	0.03%	0.007%	
				Iron	7439-89-6	70.775%	16.332%	
8	SOLDER	SnCu	0.1	Tin	7440-31-5	99.3%	1.910%	1.923%
				Copper	7440-50-8	0.7%	0.013%	
9	TERMINAL	C5191	0.1	Copper	7440-50-8	88.8%	1.708%	1.923%
				Nickel	7440-02-0	1%	0.019%	
				Tin	7440-31-5	10%	0.192%	
				Phosphorous	7723-14-0	0.2%	0.004%	
		Total weight	<b>5.2</b>					

This Document was updated on: 2021/1/5