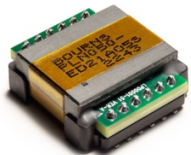


MATERIAL DECLARATION SHEET



Material Number	PLN048-ED21A12S PLN050-ED21A05S PLN070-ED21A05S			
Product Line	Transformer			
Compliance Date	2022/06/16			
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)	3.2	Phenolic Resin	9003-35-4	40%	9.405%	23.51%
				Aluminum Silicate	92704-41-1	5%	1.176%	
				Glass Fiber	65997-17-3	50%	11.756%	
				Stearic Acid	61790-38-3	2%	0.470%	
				Carbon Black	1333-86-4	2%	0.470%	
				Zinc Stearate	557-05-1	1%	0.235%	
2	PCB	S1150G	4.03	Glass Fiber	65997-17-3	40%	11.844%	29.61%
				Copper	7440-50-8	25%	7.403%	
				Silicon oxide	14808-60-7	5%	1.481%	
				Aluminium hydroxide	21645-51-2	10%	2.961%	
				Epoxy Resin	24969-06-0	20%	5.922%	
3	TAPE	MXPI-310#	0.2	IMIDERESIN	26023-21-2	44%	0.647%	1.47%
				Silicone	63148-58-3	56%	0.823%	
4	CORE	JPP-95	5.35	Ferric oxide	1309-37-1	70%	27.517%	39.31%
				Manganese oxide	1317-35-7	23%	9.041%	
				Zinc oxide	1314-13-2	7%	2.752%	
5	EPOXY	S-9001	0.2	Poly(bisphenol-A-co-epichlorohydrin)	25068-38-6	54%	0.7935%	1.47%
				Dicyanodiamide	461-58-5	3%	0.0441%	
				Carbon black	1333-86-4	3%	0.0441%	
				Aluminium hydroxide	21645-51-2	40%	0.5878%	

MATERIAL DECLARATION SHEET



6	SOLDER	M20	0.2	Tin	7440-31-5	99.3%	1.459%	1.47%
				Copper	7440-50-8	0.7%	0.010%	
7	TERMINAL	C5191	0.43	Cooper	7440-50-8	88.8%	2.806%	3.61%
				Nickel	7440-02-0	1%	0.032%	
				Tin	7440-31-5	10%	0.316%	
				Phosphorous	7723-14-0	0.2%	0.006%	
		Total weight	13.61					

This Document was updated on: 2022/06/16