


# MATERIAL DECLARATION SHEET



Material Number	PLN071-ER20030S PLN071-ER20050S PLN071-ER20120S PLN071-ER20240S			
Product Line	TRANSFORMER			
Compliance Date	2023.9.25			
RoHS Compliant	Yes	MSL	1	

No.	Construction Element(sub part)	Homogeneous Material	Material weight [g]	Homogeneous Material	CASRN	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
				Substances	if applicable			
1	Core	Ferrite core	7.33	iron oxide	1309-37-1	70	49.38402	70.54860
				Zinc Oxide	1314-13-2	7	4.93840	
				manganous-manganic oxide	1317-35-7	23	16.22618	
2	PCB	FR-4	2.96	Glass Fiber	65997-17-3	40	11.39557	28.48893
				Copper Foil	7440-50-8	40	11.39557	
				Brominated Epoxy Resin	26265-08-7	10	2.84889	
				Inorganic filler	Confidential information	10	2.84889	
3	Epoxy	Epoxy Resins	0.1	Multifunctional epoxy Resins	142675-09-0	29	0.43311	0.43311
				Carbonyl iron powder	7439-89-6	70	0.32724	0.32724
				carbon black	1333-86-4	1	0.01925	
		Total weight(g)	10.39					