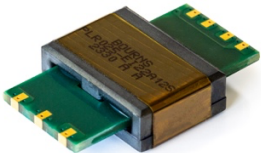


# MATERIAL DECLARATION SHEET



Material Number	PLR025-EI22A12S			
Product Line	Transformer			
Compliance Date	12-Jul-2023			
RoHS Compliant	Comply RoHS	MSL	1	

No.	Construction Element (subpart)	Homogeneous Material	Material weight [mg]	Homogeneous Material\ Substances	CASRN if applicable	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
1	CORE	MnZn-Ferrite	9530.00	Iron manganese zinc oxide	12645-49-7	99.80	82.062	82.226
				others, not to declare	system	0.20	0.164	
2	TAPE	PI	130.00	Polyimide	60842-76-4	40.00	0.449	1.122
				dimethylmethylvinylsiloxane	67762-94-1	59.00	0.662	
				Additives, not to declare	system	1.00	0.011	
	GLUE	Silicone	80.00	Silicone	system	76.90	0.531	0.690
				Basic zinc carbonate	12122-17-7	13.00	0.090	
				Methyltrimethoxysilane	1185-55-3	5.00	0.035	
				Tetramethoxysilane	681-84-5	0.10	0.001	
				Titanate	-	5.00	0.035	
	PCB-Fiberglass board	FR-4	1457.68	Glass Fiber	65997-17-3	37.00	4.653	12.577
				Epoxy Resin	26265-08-7	62.00	7.798	
				Additives, not to declare	system	1.00	0.126	
	PCB-Copper foil	Copper Alloy	364.42	Copper	7440-50-8	99.90	3.141	3.144
				Misc., not to declare	system	0.10	0.003	
	PCB-Ni Coating	Ni	7.92	Nickel	7440-02-0	99.90	0.068	0.068
				Misc., not to declare	system	0.10	0.0000	
	PCB-Immersion Gold	Au	0.08	Gold	7440-57-5	99.90	0.0007	0.0007
				Misc., not to declare	system	0.10	0.0000	

# MATERIAL DECLARATION SHEET



No.	Construction Element (subpart)	Homogeneous Material	Material weight [mg]	Homogeneous Material\ Substances	CASRN if applicable	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
	PCB-Solder Resist INK	INK	19.50	ortho-phenolic aldehyde epoxy acrylic resin	24969-06-0	30.00	0.050	0.168
				Silica dioxide	7631-86-9	3.00	0.005	
				Barium sulfate	7727-43-7	28.00	0.047	
				Epoxy resin	61788-97-4	18.00	0.030	
				Part B DPHA	60506-81-2	20.00	0.034	
				Additives, not to declare	System	1.00	0.002	
	PCB-Marking Ink	INK	0.40	o-phenolic resin	29690-82-2	23.00	0.0008	0.0035
				epoxy resin of bisphenol A	25068-38-6	28.00	0.001	
				silica	14464-46-1	4.00	0.0002	
				Titanium dioxide	13463-67-7	35.00	0.0012	
				Dicyanodiamide	461-58-5	8.00	0.0003	
				Surface Additives	63148-62-9	2.00	0.00007	

Total weight	11590 mg
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**This Document was updated on:**

**Important remarks:**

1. It is the responsibility of the user to verify they are accessing the latest version.