

MATERIAL DECLARATION SHEET

BOURNS®

Material Number	PKSEP6A15S			
Product Line	TRANSFORMER			
Compliance Date	2025/10/22			
RoHS Compliant	Comply RoHS	MSL	N/A	

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	460	Iron manganese zinc oxide	12645-49-7	99.50	39.97	40.17
				Misc., not to declare	/	0.50	0.20	
2	WIRE	PUR	115	Toluene diisocyanate, trimethylolpropane polymer	9017-09-8	99.00	9.94	10.47
				Further Additives, not to declare	/	1.00	0.10	
		C11000	5	Copper	7440-50-8	99.50	0.43	
				Misc., not to declare	/	0.50	0.0022	
3	CLIP	Plating Tin	4	Tin	7440-31-5	99.90	0.35	33.35
				Misc., not to declare	/	0.10	0.00035	
		Nickel Coating	2	Nickel	7440-02-0	99.90	0.17	
				Misc., not to declare	/	0.10	0.00017	
		C11000	376	Copper	7440-50-8	99.50	32.67	
				Misc., not to declare	/	0.50	0.16	

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4	BOBBIN	PF-GF45	90	Phenol, polymer with formaldehyde	9003-35-4	46.00	3.62	10.61
				Fiber Glass	65997-17-3	46.00	3.62	
				Kaolin, calcined	92704-41-1	4.00	0.31	
				Fatty acids, tallow, hydrogenated	61790-38-3	2.00	0.16	
				Zinc distearate	557-05-1	0.50	0.039	
				Carbon black	1333-86-4	1.00	0.079	
				Further Additives, not to declare	/	0.50	0.039	
		C5191 (Phosphor bronze)	30	Copper	7440-50-8	93.15	2.44	
				Iron	7439-89-6	0.05	0.0013	
				Lead	7439-92-1	0.01	0.00026	
				Zinc (metal)	7440-66-6	0.10	0.0026	
				Tin	7440-31-5	6.25	0.16	
				Phosphorus	7723-14-0	0.19	0.0050	
				Misc., not to declare	/	0.25	0.0066	
		Plating Tin	2	Tin	7440-31-5	99.90	0.17	
				Misc., not to declare	/	0.10	0.00017	
		Nickel Coating	1	Nickel	7440-02-0	99.90	0.087	
				Misc., not to declare	/	0.10	0.000087	
5	TAPE	PI Film	5	Polyimide	60842-76-4	96.50	0.42	0.44
				Further Additives, not to declare	/	3.50	0.015	

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5	SOLDER	Sn96.5Ag3.0Cu0.5 Solder	20	Tin	7440-31-5	96.50	1.69	1.75
				Copper	7440-50-8	0.50	0.0087	
				Silver	7440-22-4	3.00	0.052	
		Sn99Cu1 SOLDER	30	Tin	7440-31-5	99.20	2.60	2.62
				Copper	7440-50-8	0.70	0.018	
				others, not to declare	/	0.10	0.0026	
6	GLUE	Epoxy Resin (G500)	5	Epoxy resin	25068-38-6	90.00	0.39	0.43
				Butylated Hydroxytoluene	128-37-0	6.00	0.026	
				Bisphenol F Diglycidyl Ether	2095-03-6	4.00	0.017	
		Total weight	1145mg					

This Document was updated on: 2025/10/17

Important remarks:

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