

MATERIAL DECLARATION SHEET

BOURNS®

Material Number	ER26A1DC-4R7K			
Product Line	INDUCTOR			
Compliance Date	2025/07/11			
RoHS Compliant	Comply RoHS	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	CORE	MnZn-Ferrite	29240	Iron manganese zinc oxide	12645-49-7	99.80	66.829	66.963
				others, not to declare	system	0.20	0.134	
2	AIW Wire	Copper	12740	Copper	7440-50-8	99.90	29.147	30.711
				Misc. not to declare	/	0.10	0.0292	
		PAI	670	Polyamide imide resin	25053-57-0	99.00	1.519	
				others, not to declare	/	1.00	0.0153	
3	BASE	FR4	180	Glass Fabric	65997-17-3	55.00	0.227	0.412
				Epoxy resin	26265-08-7	45.00	0.185	
4	SOLDER	Tin	616	Tin	7440-31-5	99.20	1.399	1.410
				Copper	7440-50-8	0.70	0.00987	
				others, not to declare	/	0.10	0.00141	

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5	GLUE	Epoxy Resin	80	Epoxy resin	25068-38-6	55.00	0.101	0.183
				Calcium carbonate	1317-65-3	35.00	0.0641	
				Magnesium silicate talc	14807-96-6	3.00	0.00550	
				Epoxy resin, modified	68610-41-3	5.00	0.00916	
				Silicon dioxide	14808-60-7	0.55	0.00101	
				Titanium-dioxide	13463-67-7	1.25	0.00229	
				Diuron	330-54-1	0.20	0.00037	
		Silica	140	Methyl tri(ethylmethylketo xime) silane	22984-54-9	10.00	0.0321	0.320
				γ - Aminopropyltriethoxy silane	919-30-2	5.00	0.0160	
				Silica	7631-86-9	55.00	0.176	
				Dimethicone	9016-00-6	30.00	0.0962	
		Total weight	43666mg					

This Document was updated on: 2025/07/11

Important remarks:

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