

MATERIAL DECLARATION SHEET

BOURNS®

Material Number	ER26A5DC-220K			
Product Line	INDUCTOR			
Compliance Date	2025/07/10			
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	29600	Iron manganese zinc oxide	12645-49-7	99.80	67.361	67.496
				others, not to declare	system	0.20	0.135	
2	AIW Wire	Copper	12730	Copper	7440-50-8	99.90	28.999	30.555
				Misc. not to declare	/	0.10	0.0290	
		PAI	670	Polyamide imide resin	25053-57-0	99.00	1.512	
				others, not to declare	/	1.00	0.0153	
3	NOMEX	NOMEX	18.6	Poly(1,4-phenylene terephthalamide)	25765-47-3	99.00	0.0420	0.0424
				others, not to declare	/	1.00	0.000403	
4	SOLDER	Tin	616	Tin	7440-31-5	99.20	1.393	1.404
				Copper	7440-50-8	0.70	0.00983	
				others, not to declare	/	0.10	0.00140	

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5	GLUE	Epoxy Resin	80	Epoxy resin	25068-38-6	55.00	0.100	0.182
				Calcium carbonate	1317-65-3	35.00	0.0638	
				Magnesium silicate talc	14807-96-6	3.00	0.00547	
				Epoxy resin, modified	68610-41-3	5.00	0.00912	
				Silicon dioxide	14808-60-7	0.55	0.00100	
				Titanium-dioxide	13463-67-7	1.25	0.00229	
				Diuron	330-54-1	0.20	0.00036	
		Silica	140	Methyl tri(ethylmethylketoxime) silane	22984-54-9	10.00	0.0319	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	0.0958	
		Total weight	43854.6mg					

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.