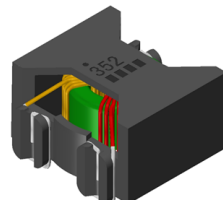


MATERIAL DECLARATION SHEET

BOURNS®

Material Number	SRF1709-352Y			
Product Line	Shielded SMD Power Inductor			
Compliance Date	2025/9/30			
RoHS Compliant	YES	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	Ferrite	1.45	Iron oxide (Fe2O3)	1309-37-1	67.0%	31.85	47.54
				Trimanganese tetraoxide(Mn3O4)	1317-35-7	18.0%	8.56	
				Zinc oxide (ZnO)	1314-13-2	15.0%	7.13	
2	Wire	Copper (C11000)	0.65	Copper(Cu)	7440-50-8	99.95%	21.17	21.18
				Misc. ,not to declare	\	0.05%	0.01	
		Coating	0.03	Polyesterimide	37317-16-1	100.0%	1.11	1.11
3	Adhesive	Epoxy	0.77	Glass Fibre	65997-17-3	55.00%	13.89	25.25
				Phenolic Resin	9003-35-4	30.00%	7.58	
				Kaolin	92704-41-1	12.00%	3.03	
				Calcium Hydroxide	1305-62-0	1.00%	0.25	
				Carbon Black	1333-86-4	1.00%	0.25	
				Magnesium Stearate	557-04-0	1.00%	0.25	
4	Case	Case	0.09	Bisphenol A Epoxy Resin	25068-38-6	64.4%	1.90	2.95
				Poly urethane	51852-81-4	7.0%	0.2	
				Carbon Black	1333-86-4	2.6%	0.08	
				Silicon dioxide	14808-60-7	26.0%	0.77	
5	Solder bar	Tin	0.06	Tin (Sn)	7440-31-5	99.0%	1.95	1.97
				Silver(Ag)	7440-22-4	0.5%	0.01	
				Copper(Cu)	7440-50-8	0.5%	0.01	
		Total weight	3.05					

This Document was updated on: 2025/9/30

MATERIAL DECLARATION SHEET

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Important remarks: It is the responsibility of the user to verify they are accessing the latest version.