


MATERIAL DECLARATION SHEET

BOURNS®

Material Number	SRR1050A series			
Product Line	SHIELDED SMD POWER INDUCTOR			
Compliance Date	2016/01/19			
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	DR + RI Core	DN50B	1.47	Iron oxide	1309-37-1	65.0	49.766	76.56
				Nickel oxide	1313-99-1	12.0	9.188	
				Zinc oxide	1314-13-2	17.0	13.016	
				Cupric oxide	1313-99-1	6.0	4.594	
2	Winding Wire	RS-A	0.31	Copper	7440-50-8	95.0	15.339	16.15
				Polyester Resin	68604-67-1	5.0	0.807	
3	Clip	LCP-E4008	0.01	Aromatic polyester resin	60088-52-0	70.0	0.365	0.52
				Glass fiber	65997-17-3	30.0	0.156	
		C1100	0.05	Copper	7440-50-8	93.7	2.928	2.60
				Tin	7440-31-5	6.1	0.191	
				Phosphorus	7723-14-0	0.2	0.006	
		Plating	0.01	Tin	7440-31-5	80.0	0.417	0.52
Nickel	7440-02-0			20.0	0.104			
5	Adhesive	A-400-36-LH	0.02	Epoxy resin	25068-38-6	64.0	0.667	1.04
				Calcium carbonate	1317-65-3	32.0	0.333	
				Thermoplastic copolymer	proprietary	4.0	0.042	
6	Solder	0505H	0.05	Tin	7440-31-5	99.0	2.578	2.60
				Silver	7440-22-4	0.5	0.013	
				Copper	7440-50-8	0.5	0.013	
			Total weight	1.92				

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This Document was updated on: 2016/01/19

Important remarks:

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