


MATERIAL DECLARATION SHEET



Material Number	SDR0703 Series			
Product Line	SMD Power Inductor			
Compliance Date	2016/02/03			
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	Ferrite Material	F4D	0.155	Iron oxide	1309-37-1	60.0	46.50	77.5
				Zinc oxide	1314-13-2	20.0	15.50	
				Cupric oxide	1317-38-0	10.0	7.75	
				Nickel oxide	1313-99-1	10.0	7.75	
2	Winding Wire	2-SFBW	0.033	Copper	7440-50-8	95.0	15.68	16.50
				Polyester Resin	68400-69-9	5.0	0.83	
3	Adhesive	6020H-6-QR-NH	0.006	Bisphenol A Epoxy Resin	25068-38-6	58.0	1.74	3.00
				2-Methylimidazole	693-98-1	15.0	0.45	
				Carbon black	1333-86-4	5.0	0.15	
				Silicon dioxide	7631-86-9	22.0	0.66	
4	Solder	0505H	0.004	Tin	7440-31-5	99.0	1.98	2.00
				Silver	7440-22-4	0.5	0.01	
				Copper	7440-50-8	0.5	0.01	

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5	Marking Ink	Marking ink Black	0.002	Cyclic isoprene modified phenol	68441-13-4	13.0	0.13	1.00
				Phenolic modified rosin	68152-70-5	23.0	0.23	
				Carbon black	1333-86-4	47.0	0.47	
				C.I.Pigment Blue 15 : 3	147-14-8	10.0	0.10	
				C.I.Pigment Red 48 : 3	15782-05-5	7.0	0.07	
		Total weight	0.2					

This Document was updated on: 2016/02/03

Important remarks:

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