


# MATERIAL DECLARATION SHEET



Material Number	SRR6040A Series (1R0~8R2, 120~270, 390~101)			
Product Line	SHIELDED SMD POWER INDUCTOR			
Compliance Date	2014/08/29			
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 Core	T12	0.225	Iron oxide	1309-37-1	64.0	24.000	37.50
				Nickel oxide	1313-99-1	10.0	3.750	
				Zinc oxide	1314-13-2	20.0	7.500	
				Cupric oxide	1317-38-0	6.0	2.250	
2	RI Core	F5D	0.26	Iron oxide	1309-37-1	62.0	26.867	43.33
				Nickel oxide	1313-99-1	8.0	3.467	
				Zinc oxide	1314-13-2	20.0	8.667	
				Cupric oxide	1317-38-0	10.0	4.333	
3	Terminal	Plating	0.015	Silver	7440-22-4	55.0	1.375	2.50
				Nickel	7440-02-0	25.0	0.625	
				Tin	7440-31-5	20.0	0.500	
4	Winding Wire	2-SFBW	0.07	Copper	7440-50-8	95.0	11.083	11.67
				Polyester Resin	68604-67-1	5.0	0.583	
5	Adhesive	6020H-6-QR-NH	0.02	Epoxy Resin	25068-38-6	65.6	2.1845	3.33
				Alkyl glycidyl ether	68609-97-2	4.4	0.1465	
				Carbon black	1333-86-4	5.6	0.1865	
				Silicon dioxide	7631-86-9	24.4	0.8125	
6	Solder	0030	0.01	Tin	7440-31-5	97.0	1.617	1.67
				Copper	7440-50-8	3.0	0.050	
			Total weight			0.6		

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**Important remarks:**

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