


# MATERIAL DECLARATION SHEET



Material Number	SRR3818 Series			
Product Line	Shielded SMD Power Inductor			
Compliance Date	2016 / 11 / 23			
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 / RI Core	BN301B	0.094	Iron oxide	1309-37-1	65	55.545	85.45
				Nickel oxide	1313-99-1	14	11.964	
				Zinc oxide	1314-13-2	17	14.527	
				Cupric Oxide	1317-38-0	4	3.418	
2	Wire	P180-G2	0.009	Copper	7440-50-8	95	7.773	8.18
				Polyurethane resin	9009-54-5	5	0.409	
3	Adhesive	6020H-6-QR-NH	0.002	Bisphenol A Epoxy Resin	25068-38-6	58	1.055	1.82
				Alkyd glycidyl ether	68609-97-2	4	0.073	
				Methyl Imidazole	693-98-1	10	0.182	
				Carbon black	1333-86-4	5	0.091	
		Aluminum hydroxide	21645-51-2	22	0.400	1.82		
		Additive, not to declare	-	1	0.018			
A-400-36-LH	0.002	Epoxy resin	25068-38-6	62.5	1.1375			
		Calcium carbonate	1317-65-3	33.3	0.60606			
		Thermoplastic copolymer	-	4.2	0.07644			
4	Terminal	Plating	0.001	Iron	7439-89-6	10	0.091	0.91
				Nickel	7440-02-0	40	0.364	
				Copper	7440-50-8	15	0.136	
				Silver	7440-22-4	30	0.273	
				Chromium	7440-47-3	5	0.045	
5	Solder bar	0505H	0.002	Tin	7440-31-5	99	1.800	1.82
				Silver	7440-22-4	0.5	0.009	
				Copper	7440-50-8	0.5	0.009	
Total weight			<b>0.110</b>					

**This Document was updated on: 2016/11/23**

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