


MATERIAL DECLARATION SHEET



Material Number	SRR4818A 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	S4H	0.137	Iron oxide	1309-37-1	60	43.263	72.11
				Nickel oxide	1313-99-1	10	7.211	
				Zinc oxide	1314-13-2	20	14.421	
				Cupric Oxide	1317-38-0	10	7.211	
2	Wire	P180-G2	0.020	Copper	7440-50-8	95	10.000	10.53
				Polyurethane resin	9009-54-5	5	0.526	
3	Adhesive	6020H-6-QR-NH	0.015	Bisphenol A Epoxy Resin	25068-38-6	58	4.579	7.89
				Alkyd glycidyl ether	68609-97-2	4	0.316	
				Methyl imidazole	693-98-1	10	0.789	
				Carbon black	1333-86-4	5	0.395	
				Aluminum hydroxide	21645-51-2	22	1.737	
				Additive, not to declare	-	1	0.079	
	A-400-36-LH	0.010	Epoxy resin	25068-38-6	62.5	3.2875	5.26	
			Calcium carbonate	1317-65-3	33.3	1.75158		
Thermoplastic copolymer			-	4.2	0.22092			
4	Terminal	Plating	0.001	Iron	7439-89-6	10	0.053	0.53
				Nickel	7440-02-0	40	0.211	
				Copper	7440-50-8	15	0.079	
				Silver	7440-22-4	30	0.158	
				Chromium	7440-47-3	5	0.026	
5	Solder bar	0505H	0.007	Tin	7440-31-5	99	3.647	3.68
				Silver	7440-22-4	0.5	0.018	
				Copper	7440-50-8	0.5	0.018	
Total weight			0.190					

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.