


MATERIAL DECLARATION SHEET



Material Number	SRR4828A 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	0.221	Iron oxide	1309-37-1	60	50.038	83.4
				Nickel oxide	1313-99-1	10	8.340	
				Zinc oxide	1314-13-2	20	16.679	
				Cupric Oxide	1317-38-0	10	8.340	
2	Wire	P180-G2	0.021	Copper	7440-50-8	95	7.528	7.92
				Polyurethane resin	9009-54-5	5	0.396	
3	Adhesive	6020H-6-QR-NH	0.010	Bisphenol A Epoxy Resin	25068-38-6	58	2.189	3.77
				Alkyd glycidyl ether	68609-97-2	4	0.151	
				Methyl imidazole	693-98-1	10	0.377	
				Carbon black	1333-86-4	5	0.189	
				Aluminum hydroxide	21645-51-2	22	0.830	
				Additive, not to declare	-	1	0.038	
	A-400-36-LH	0.005	Epoxy resin	25068-38-6	62.5	1.18125	1.89	
			Calcium Carbonate	1317-65-3	33.3	0.62937		
Thermoplastic copolymer			-	4.2	0.07938			
4	Terminal	Plating	0.001	Iron	7439-89-6	10	0.038	0.38
				Nickel	7440-02-0	40	0.151	
				Copper	7440-50-8	15	0.057	
				Silver	7440-22-4	30	0.113	
				Chromium	7440-47-3	5	0.019	
5	Solder bar	0505H	0.007	Tin	7440-31-5	99	2.615	2.64
				Silver	7440-22-4	0.5	0.013	
				Copper	7440-50-8	0.5	0.013	
Total weight			0.265					

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.