


MATERIAL DECLARATION SHEET



Material Number	CW201212 (R47~R91) Series			
Product Line	Wound Chip Inductor			
Compliance Date	2020/12/11			
RoHS Compliant	YES	MSL	1	

No.	Construction Element(subpart)	Homogeneous Material	Material weight [mg]	Homogeneous Material\ Substances	CASRN if applicable	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
1	Core	Ferrite	6.084	Iron oxide)	1309-37-1	56.13	45.533	81.12
				Nickel oxide	1313-99-1	11.22	9.102	
				Zinc oxide	1314-13-2	25.51	20.694	
				Cupric oxide	1317-38-0	5.10	4.137	
				Silver	7440-22-4	1.02	0.827	
				Non-lead Glass	65997-17-3	1.02	0.827	
		Plating	0.124	Tin	7440-31-5	50	0.8265	1.653
				Nickel	7440-02-0	50	0.8265	
2	Winding Wire	E180-G2	0.790	Copper	7440-50-8	96	10.112	10.533
				Polyesterimide resin	37317-16-1	4	0.421	
3	EPOXY	UV-5000	0.500	Epoxy	73297-27-5	98	6.534	6.667
				Pigment	-	2	0.133	
4	MARKING	UV-BON 400 WHITE	0.002	Epoxy Polymer	53192-18-0	55.6	0.015	0.027
				Titanium Dioxide	13463-67-7	40.4	0.012	
			Total weight	7.5				

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Important remarks:

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