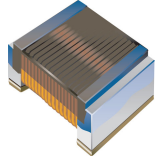


MATERIAL DECLARATION



Material Number	CW161009A SERIES			
Product Line	Wire Wound Chip Inductors			
Compliance Date	2017/2/7			
RoHS Compliant	Yes	MSL	Level 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	CERAMIC CORE	CERAMIC	3.00	Aluminum oxide (Al ₂ O ₃)	1344-28-1	94	76.22	81.08
				Silicon dioxide (SiO ₂)	14808-60-7	3	2.43	
				Magnesium oxide (MgO ₂)	1309-48-4	1	0.81	
		PLATING		Silver (Ag)	7440-22-4	0.97	0.79	
		Glass		65887-18-4	0.03	0.02		
		Nickel (Ni)		7440-02-0	0.5	0.41		
		Gold (Au)		7440-57-5	0.5	0.41		
2	COPPER WIRE	COPPER	0.60	Copper (Cu)	7440-50-8	96	15.57	16.22
				Polyesterimide resin	-	4	0.65	
3	EPOXY	EPOXY	0.10	Tripropylene glycol diacrylate monomers.	42978-66-5	45	1.22	2.70
				Hydroxycyclohexyl-Ketone	000947-19-3	3	0.08	
				OLIGOMER Urethane/epoxy ACRYLATE	71281-65-7	51	1.38	
				Pigment	-	1	0.03	
Total weight			3.70					

This Document was updated on: 2017/2/7

Important remarks:

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