

MATERIAL DECLARATION



Material Number	CW105550A 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	0.70	Aluminum oxide (Al ₂ O ₃)	1344-28-1	87	76.13	87.5
				Silicon dioxide (SiO ₂)	14808-60-7	3	2.63	
		PLATING		Molybdenum (Mo)	7439-98-7	3	2.63	
				Manganese (Mn)	7439-96-5	3	2.63	
				Nickel (Ni)	7440-02-0	3	2.63	
				Gold (Au)	7440-57-5	1	0.88	
2	COPPER WIRE	COPPER	0.03	Copper (Cu)	7440-50-8	96	3.6	3.75
				Polyesterimide resin	-	4	0.15	
3	EPOXY	EPOXY	0.07	Tripropylene glycol diacrylate monomers.	42978-66-5	45	3.94	8.75
				Hydroxycyclohexyl-Ketone	000947-19-3	3	0.26	
				OLIGOMER Urethane/epoxy ACRYLATE	71281-65-7	51	4.46	
				Pigment	-	1	0.09	
Total weight			0.80					

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.