


# MATERIAL DECLARATION SHEET



Material Number	CW201212-2N2J~R39J			
Product Line	WOUND CHIP INDUCTOR			
Compliance Date	2009.08.28			
RoHS Compliant	YES	MSL	2	


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	CERAMIC	15.2	Al2O3	1344-28-1	88	70.4	80
				SiO2	11126-22-0	7	5.6	
				CaO	1305-78-8	2	1.6	
				MgO	1309-48-4	0.95	0.76	
				Mo	7439-98-7	0.5	0.4	
				Mn	7439-96-5	0.5	0.4	
				Ni	7440-02-0	1	0.8	
				Au	7440-57-5	0.05	0.04	
2	WIRE	Winding	1.9	Copper	7440-50-8	96	9.6	10
				Polyesterimide resin	N/A	4	0.4	
3	Metallizing	Molybdenum alloy	1.52	Molybdenum	7439-98-7	95	7.6	8
				Manganese	7439-96-5	5	0.4	
4	Plating	Ni / Gold	0.15	Nickel	7440-02-0	50	0.4	0.8
				Gold	7440-57-5	50	0.4	
5	Coating	Resin	0.19	Acrylate urethana oligomer resin	N/A	100	1.0	1
6	INK	Marking	0.04	Epoxy	N/A	100	0.2	0.2
			Total weight	19				

**This Document was updated on: 2009.09.04**

**Important remarks:** It is the responsibility of the user to verify they are accessing the latest version

# MATERIAL DECLARATION SHEET



Material Number		CW201212-R47J~R91J						
Product Line		WOUND CHIP INDUCTOR						
Compliance Date		2009.08.28						
RoHS Compliant		YES	MSL	2				
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	15.2	Iron oxide (Fe <sub>2</sub> O <sub>3</sub> )	1309-37-1	90	72	80
				Zinc oxide (ZnO)	1314-13-2	7	5.6	
				Copper oxide(CuO)	1317-38-0	2	1.6	
				Nickel oxide (NiO)	1313-99-1	1	0.8	
2	WIRE	Winding	1.9	Copper	7440-50-8	96	9.6	10
				Polyesterimide resin	N/A	4	0.4	
3	Metallizing	Molybdenum alloy	1.52	Molybdenum	7439-98-7	95	7.6	8
				Manganese	7439-96-5	5	0.4	
4	Plating	Ni / Gold	0.15	Nickel	7440-02-0	50	0.4	0.8
				Gold	7440-57-5	50	0.4	

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5	Coating	Resin	0.19	Acrylate urethana oligomer resin	N/A	100	1.0	1
6	INK	Marking	0.04	Epoxy	N/A	100	0.2	0.2
		Total weight	19					

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