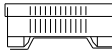


# MATERIAL DECLARATION SHEET



Material Number	PM1008			<div style="border: 1px solid black; padding: 5px; display: inline-block;">R12</div> 
Product Line	Chip Inductor (Revised 1-May-2009)			
Compliance Date	01-July-2007			
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	Ferrite Ni-Zn Series		15.162	Iron oxide (Fe <sub>2</sub> O <sub>3</sub> )	1309-37-1	90	71.7	79.7
				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	Metallization		1.52	Molybdenum	7439-98-7	95	7.6	8
				Manganese	7439-96-5	5	0.4	
3	Plating		0.152	Nickel	7440-02-0	100	0.8	0.8
				Gold	7440-57-5			
4	Coating		0.19	Tripropylene Glycol Diacrylate	68901-05-3	45	0.45	1
				Oligomer Urethana/Epoxy Acrylate	N/A	55	0.55	
5	Wire	Winding	1.9	Copper	7440-50-8	96	9.6	10
				Polyesterimide resin	N/A	4	0.4	
6	Ink	Marking	0.076	Epoxy	N/A	100	0.4	0.4
			Total weight	19				

This Document was updated on: 01-November-2008

Important remarks:

# MATERIAL DECLARATION SHEET

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