

MATERIAL DATA SHEET



Material #	CM100505 Series	
Product Line	Laser-Cut Chip Inductors	
Date	17-December-2004	
Rev., date		

No.	Construction element	Material group	Material Weight (mg)	Materials	CAS if applicable	Mass (mg)	Sum (%)	Mat thickness
1	Ceramic Core	Alumina	0.76 (ref.)	Aluminum oxide	1344-28-1	0.6664	58.46	
				Manganese(4)oxide	13132-13-9	0.0261		
				Crystal silicon oxide	14808-60-7	0.0228		
				Titanium oxide	1308-06-1	0.0228		
				Chromium oxide Others	1338-38-9	0.0175 0.0044		
2	Conductor	Copper	0.4 (ref.)	Cu	7440-50-8	0.4	30.77	
				other		-		
	Coating resign	Epoxy	0.1	Epoxy	29690-82-2	0.028	7.69	
				Epoxy	25068-38-6	0.002		
				Silica	1345-25-1	0.07		
4	Terminal		0.04	Nickel	7440-02-2	0.0014	3.08	
				Tin	7440-31-5	0.0386		
		Total Weight	1.3					