


# MATERIAL DATA SHEET



Material	SDR7030	
Product Line	SMD POWER INDUCTOR	
Date	04-October-2004	

No.	Construction element	Material group	Material Weight (g)	Materials	CAS if applicable	Average mass (%)	Sum (%)	Traces
1	Core	Ferrite Ni-Zn Series	0.216	Iron & Compounds	N/A	Remainder	100	
				Zinc & Compounds	N/A	19		
				Nickel & Compounds	N/A	10		
				Copper & Compounds	N/A	4		
2	Solder	Bar Solder Sn100%	0.005	Sn	7440-31-5	99.97	100	
3	Base	Base & Terminal Electrode	0.089	LCP	N/A	N/A	100	
				Cu/Ni/Sn100%	N/A	N/A		
4	Wire	Enamelled Copper Wire	0.11	Cu	7440-50-8	90.08~99.00	100	
				Polyester Resin	N/A	1~9.92		
5	Adhesive	Epoxy	0.01	Epoxy	N/A	N/A	100	
		Total weight	0.43					