


MATERIAL DECLARATION SHEET



Reliable Electronic Solutions

Material	SRU8043	
Product Line	SMD POWER INDUCTOR	
Date	16-September-2005	

No.	Construction element	Material group	Material Weight [g]	Materials	CAS if applicable	Average mass [%]	Sum [%]	Traces
1	Core	Ferrite Ni-Zn Series	0.55	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%	0.01	Sn	7440-31-5	99.97	100	
3	Pad	Terminal Electrode	0.015	Ag	7440-22-4	90	100	
				Ni	7440-02-0	9		
				Organic Vehicle	N/A	REM.		
4	Wire	Enamelled Copper Wire	0.29	Cu	7440-50-8	90.08-99.00	100	
				Polyester Resin	N/A	1-9.92		
5	Adhesive	Epoxy	0.015	Epoxy	N/A	N/A	100	
		Total weight	0.88					