


MATERIAL DATA SHEET



Material	LPV1620 Series	
Product Line	Through-Hole Power Inductor	
Date	21-December-2004	

No.	Construction element	Material group	Material Weight (g)	Materials	CAS if applicable	Average mass (%)	Sum (%)	Traces
1	Core	Ferrite Ni-Zn Series	5.200	Iron & Compounds	N/A	Remainder	100	
				Zinc & Compounds	N/A	19		
				Nickel & Compounds	N/A	10		
				Copper & Compounds	N/A	4		
2	Lead Wire	Tinned Copper Wire	0.300	Cu	7440-50-8	99	100	
				Sn	7440-31-5	1		
3	Solder	Bar Solder Sn100%	0.010	Sn	7440-31-5	99.97	100	
4	Tube	Sumitube-F32	0.310	PE	N/A	N/A	100	
5	Wire	Enamelled Copper Wire	3.302	Cu	7440-50-8	90.08~99.00	100	
				Polyester Resin	N/A	1~9.92		
6	Adhesive	Epoxy	0.015	Epoxy	N/A	N/A	100	
		Total weight	9.137					