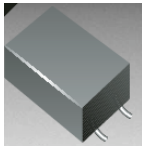


MATERIAL DATA SHEET



Material	DR221 Series	
Product Line	SMD LINE FILTER	
Date	23-December-2004	

No.	Construction element	Material group	Material weight (g)	Materials	CAS if applicable	Average mass (%)	Sum (%)	Traces
1	Core	Ferrite Ni-Zn Series	0.022	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	0.043	LCP.	N/A	N/A	100	
				Cu/Ni/Sn100%	N/A	N/A		
4	Wire	Enamelled Copper Wire	0.032	Cu	7440-50-8	90.08~99.00	100	
				Polyester Resin	N/A	1~9.92		
5	Adhesive	Epoxy	0.002	Epoxy	N/A	N/A	100	
		Total weight	0.104					