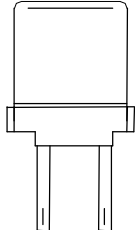


# MATERIAL DATA SHEET



Reliable Electronic Solutions

Material	FSR1013 Series	
Product Line	Shielded Inductor	
Date	16- August-2004	

NO.	Construction element	Material group	Material Weight (g)	Materials	CAS If applicable	Average mass (%)	Sum (%)	Traces
1	Core	Ferrite	1.67	Fe <sub>2</sub> O <sub>3</sub>	1309-37-1	62	100	
				Cu	7440-50-8	10		
				Ni	7440-02-0	8		
				Zn	7440-66-6	20		
				other		N/A		
2	Pin	Terminal Electrode	0.01	Cu	7440-50-8	99	100	
				Sn	7440-31-5	1		
3	Solder	Solder	0.008	Sn	7440-31-5	63	100	
				Pb	7439-92-1	37		
4	Wire	Enamelled copper Wire	0.42	Cu	7440-50-8	99	100	
				other		1		
5	Adhesive	EPOXY	0.05	N/A		N/A		
6	Bobbin	LCP	0.32	N/A		N/A		
		Total weight	0.117					