


# MATERIAL DECLARATION SHEET



Reliable Electronic Solutions

Material #	4118R-LF Series	
Product Line	Networks	
Date	05/11/2005	
RoHS Compliant	Yes	

No.	Construction Element	Material Group	Material Weight [g]	Materials	CAS if applicable	Average Mass [%]	Sum [%]
1	Element	Ceramic Conductor Ink Glaze	0.2462	Alumina	1344-28-1	15.74	16.13
			0.0011	Silver	7440-22-4	0.07	
			0.0007	Ruthenium (IV) Oxide	12036-10-1	0.04	
			0.0003	Silver	7440-22-4	0.02	
			0.0001	Palladium	7440-05-3	0.01	
			0.0004	Diboron Trioxide	1303-86-2	0.03	
			0.0021	Lead Monoxide	1317-36-8	0.13	
			0.0012	Silicon Dioxide	7631-86-9	0.08	
2	Terminal Pins	Copper Plating	0.3536	Copper	7440-50-8	22.61	22.71
			0.0016	Tin	7440-31-5	0.10	
3	Termination	Solder	0.0026	Tin	7440-31-5	0.16	1.64
			0.0226	Lead	7439-92-1	1.45	
			0.0005	Silver	7440-22-4	0.03	
4	Body	Plastic	0.6481	Silica, Vitreous	60676-86-0	41.45	59.51
			0.1574	Epoxy Cresol Novalic Resin	29690-82-2	10.07	
			0.0648	Phenolic Resin	9003-35-4	4.15	
			0.0231	Antimony Oxide	1309-64-4	1.48	
			0.0370	TBBPA	79-94-7	2.37	
		Total Weight	1.5635				