MATERIAL DECLARATION SHEET

Reliable Electronic Solutions

Material #	4120R-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						16.13
		Ceramic	0.2735	Alumina	1344-28-1	15.74	
		Conductor	0.0012	Silver	7440-22-4	0.07	
		Ink	0.0008	Ruthenium (IV) Oxide	12036-10-1	0.04	
		Glaze	0.0003	Silver	7440-22-4	0.02	
			0.0002	Palladium	7440-05-3	0.01	
			0.0004	Diboron Trioxide	1303-86-2	0.03	
			0.0023	Lead Monoxide	1317-36-8	0.13	
			0.0013	Silicon Dioxide	7631-86-9	0.08	
2	Terminal Pins						22.71
		Copper	0.3929	Copper	7440-50-8	22.61	
		Plating	0.0017	Tin	7440-31-5	0.10	
3	Termination						1.64
		Solder	0.0029	Tin	7440-31-5	0.16	
			0.0251	Lead	7439-92-1	1.45	
			0.0006	Silver	7440-22-4	0.03	
4	Body						59.51
		Plastic	0.7201	Silica, Vitreous	60676-86-0	41.45	
			0.1749	Epoxy Cresol Novalic Resin	29690-82-2	10.07	
			0.0720	Phenolic Resin	9003-35-4	4.15	
			0.0257	Antimony Oxide	1309-64-4	1.48	
			0.0411	TBBPA	79-94-7	2.37	
		Total Weight	1.7373				