


MATERIAL DECLARATION SHEET



Reliable Electronic Solutions

Material #	4310M-LF Series	
Product Line	Networks	
Date	05/12/2005	
RoHS Compliant	Yes	

No.	Construction Element	Material Group	Material Weight [g]	Materials	CAS If applicable	Average Mass [%]	Sum [%]
1	Element	Ceramic Conductor Ink Glaze	0.1535	Alumina	1344-28-1	21.75	28.96
			0.0005	Silver	7440-22-4	0.08	
			0.0226	Lead Monoxide	1317-36-8	3.20	
			0.0106	Ruthenium (IV) Oxide	12036-10-1	1.50	
			0.0124	Silicon Dioxide	7631-86-9	1.75	
			0.0007	Calcium Oxide	1305-78-8	0.10	
			0.0014	Zircon	14940-68-2	0.20	
			0.0019	Aluminum Oxide	1344-28-1	0.27	
			0.0006	Diboron Trioxide	1303-86-2	0.09	
			0.0002	Chromium(III) Oxide	1308-38-9	0.03	
			2	Terminal Pins	Copper Plating	0.1300	
0.0013	Tin	7440-31-5				0.19	
3	Termination	Solder	0.0048	Tin	7440-31-5	0.68	6.85
			0.0425	Lead	7439-92-1	6.03	
			0.0010	Silver	7440-22-4	0.14	
4	Body	Plastic	0.2240	Silica, Vitreous	60676-86-0	31.75	45.58
			0.0544	Epoxy Cresol Novalic Resin	29690-82-2	7.71	
			0.0224	Phenolic Resin	9003-35-4	3.17	
			0.0080	Antimony Oxide	1309-64-4	1.13	
			0.0128	TBBPA	79-94-7	1.81	
				Total Weight	0.7056		