



Reliable Electronic Solutions

# MATERIAL DECLARATION SHEET

Material #	4310R-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	0.1196	Alumina	1344-28-1	20.28	27.01
			0.0004	Silver	7440-22-4	0.07	
			0.0176	Lead Monoxide	1317-36-8	2.98	
			0.0082	Ruthenium (IV) Oxide	12036-10-1	1.40	
			0.0096	Silicon Dioxide	7631-86-9	1.63	
			0.0006	Calcium Oxide	1305-78-8	0.09	
			0.0011	Zircon	14940-68-2	0.19	
			0.0015	Aluminum Oxide	1344-28-1	0.25	
			0.0005	Diboron Trioxide	1303-86-2	0.08	
			0.0002	Chromium(III) Oxide	1308-38-9	0.03	
			2	Terminal Pins	Copper Plating	0.1300	
0.0013	Tin	7440-31-5				0.23	
3	Termination	Solder	0.0048	Tin	7440-31-5	0.82	8.19
			0.0425	Lead	7439-92-1	7.21	
			0.0010	Silver	7440-22-4	0.16	
4	Body	Plastic	0.1747	Silica, Vitreous	60676-86-0	29.62	42.53
			0.0424	Epoxy Cresol Novalic Resin	29690-82-2	7.19	
			0.0175	Phenolic Resin	9003-35-4	2.96	
			0.0062	Antimony Oxide	1309-64-4	1.06	
			0.0100	TBBPA	79-94-7	1.69	
				Total Weight	0.5898		