

# MATERIAL DECLARATION SHEET



Reliable Electronic Solutions

Material #	4311R-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	0.1316	Alumina	1344-28-1	20.28	27.01
			0.0005	Silver	7440-22-4	0.07	
			0.0194	Lead Monoxide	1317-36-8	2.98	
			0.0091	Ruthenium (IV) Oxide	12036-10-1	1.40	
			0.0106	Silicon Dioxide	7631-86-9	1.63	
			0.0006	Calcium Oxide	1305-78-8	0.09	
			0.0012	Zircon	14940-68-2	0.19	
			0.0016	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	0.1430	
0.0015	Tin	7440-31-5				0.23	
3	Termination	Solder	0.0053	Tin	7440-31-5	0.82	8.19
			0.0468	Lead	7439-92-1	7.21	
			0.0011	Silver	7440-22-4	0.16	
4	Body	Plastic	0.1922	Silica, Vitreous	60676-86-0	29.62	42.53
			0.0467	Epoxy Cresol Novalic Resin	29690-82-2	7.19	
			0.0192	Phenolic Resin	9003-35-4	2.96	
			0.0069	Antimony Oxide	1309-64-4	1.06	
			0.0110	TBBPA	79-94-7	1.69	
		Total Weight	0.6488				