


MATERIAL DECLARATION SHEET



Reliable Electronic Solutions

Material #	4611M-LF Series	
Product Line	Networks	
Date	05/17/2005	
RoHS Compliant	Yes	

No.	Construction Element	Material Group	Material Weight [g]	Materials	CAS If applicable	Average Mass [%]	Sum [%]
1	Element	Ceramic Conductor Ink Glaze	0.2032	Alumina	1344-28-1	31.97	48.94
			0.0024	Silver	7440-22-4	0.37	
			0.0506	Lead Monoxide	1317-36-8	7.96	
			0.0168	Ruthenium (IV) Oxide	12036-10-1	2.65	
			0.0270	Silicon Dioxide	7631-86-9	4.25	
			0.0011	Calcium Oxide	1305-78-8	0.18	
			0.0023	Zircon	14940-68-2	0.36	
			0.0030	Aluminum Oxide	1344-28-1	0.48	
			0.0034	Diboron Trioxide	1303-86-2	0.53	
			0.0012	Chromium (III) Oxide	1308-38-9	0.19	
			2	Terminal Pins	Steel Plating	0.0700	
0.0040	Tin	7440-31-5				0.64	
0.0001	Silver	7440-22-4				0.02	
	Copper	7440-50-8					
3	Termination	Solder	0.0545	Tin	7440-31-5	8.58	8.93
			0.0020	Silver	7440-22-4	0.31	
			0.0003	Copper	7440-50-8	0.04	
4	Body	Plastic	0.0775	Silica, Vitreous	60676-86-0	12.19	30.46
			0.0775	Bisphenol A Epoxy Resin	25036-25-3	12.19	
			0.0155	BTDA	2421-28-5	2.44	
			0.0038	Antimony Oxide	1309-64-4	0.60	
			0.0194	TBBPA	79-94-7	3.05	
				Total Weight	0.6356		