

MATERIAL DECLARATION SHEET



Reliable Electronic Solutions

Material #	4613M-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	0.2402	Alumina	1344-28-1	31.97	48.94
			0.0028	Silver	7440-22-4	0.37	
			0.0598	Lead Monoxide	1317-36-8	7.96	
			0.0199	Ruthenium (IV) Oxide	12036-10-1	2.65	
			0.0319	Silicon Dioxide	7631-86-9	4.25	
			0.0013	Calcium Oxide	1305-78-8	0.18	
			0.0027	Zircon	14940-68-2	0.36	
			0.0036	Aluminum Oxide	1344-28-1	0.48	
			0.0040	Diboron Trioxide	1303-86-2	0.53	
			0.0014	Chromium(III) Oxide	1308-38-9	0.19	
			2	Terminal Pins	Steel Plating	0.0827	
0.0048	Tin	7440-31-5				0.64	
0.0002	Silver	7440-22-4				0.02	
	Copper	7440-50-8					
3	Termination	Solder	0.0644	Tin	7440-31-5	8.58	8.93
			0.0023	Silver	7440-22-4	0.31	
			0.0003	Copper	7440-50-8	0.04	
4	Body	Plastic	0.0916	Silica, Vitreous	60676-86-0	12.19	30.46
			0.0916	Bisphenol A Epoxy Resin	25036-25-3	12.19	
			0.0183	BTDA	2421-28-5	2.44	
			0.0045	Antimony Oxide	1309-64-4	0.60	
			0.0229	TBBPA	79-94-7	3.05	
				Total Weight	0.7512		