


# MATERIAL DECLARATION SHEET



Reliable Electronic Solutions

Material #	4612H-LF Series	
Product Line	Networks	
Date	05/18/2005	
RoHS Compliant	Yes	

No.	Construction Element	Material Group	Material Weight [g]	Materials	CAS If applicable	Average Mass [%]	Sum [%]
1	Element	Ceramic Conductor Ink Glaze	0.3104	Alumina	1344-28-1	33.97	52.00
			0.0036	Silver	7440-22-4	0.40	
			0.0773	Lead Monoxide	1317-36-8	8.46	
			0.0257	Ruthenium (IV) Oxide	12036-10-1	2.81	
			0.0413	Silicon Dioxide	7631-86-9	4.52	
			0.0017	Calcium Oxide	1305-78-8	0.19	
			0.0034	Zircon	14940-68-2	0.38	
			0.0046	Aluminum Oxide	1344-28-1	0.51	
			0.0052	Diboron Trioxide	1303-86-2	0.57	
			0.0018	Chromium (III) Oxide	1308-38-9	0.20	
			2	Terminal Pins	Steel Plating	0.0763	
0.0044	Tin	7440-31-5				0.48	
0.0002	Silver	7440-22-4				0.02	
	Copper	7440-50-8					
3	Termination	Solder	0.0595	Tin	7440-31-5	6.51	6.78
			0.0022	Silver	7440-22-4	0.24	
			0.0003	Copper	7440-50-8	0.03	
4	Body	Plastic	0.1183	Silica, Vitreous	60676-86-0	12.95	32.36
			0.1183	Bisphenol A Epoxy Resin	25036-25-3	12.95	
			0.0237	BTDA	2421-28-5	2.59	
			0.0058	Antimony Oxide	1309-64-4	0.63	
			0.0296	TBBPA	79-94-7	3.24	
		Total Weight	0.9137				