


# MATERIAL DECLARATION SHEET



Reliable Electronic Solutions

Material #	4609H-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	0.2328	Alumina	1344-28-1	33.97	52.00
			0.0027	Silver	7440-22-4	0.40	
			0.0580	Lead Monoxide	1317-36-8	8.46	
			0.0193	Ruthenium (IV) Oxide	12036-10-1	2.81	
			0.0310	Silicon Dioxide	7631-86-9	4.52	
			0.0013	Calcium Oxide	1305-78-8	0.19	
			0.0026	Zircon	14940-68-2	0.38	
			0.0035	Aluminum Oxide	1344-28-1	0.51	
			0.0039	Diboron Trioxide	1303-86-2	0.57	
			0.0014	Chromium (III) Oxide	1308-38-9	0.20	
			2	Terminal Pins	Steel Plating	0.0572	
0.0033	Tin	7440-31-5				0.48	
0.0001	Silver	7440-22-4				0.02	
	Copper	7440-50-8					
3	Termination	Solder	0.0446	Tin	7440-31-5	6.51	6.78
			0.0016	Silver	7440-22-4	0.24	
			0.0002	Copper	7440-50-8	0.03	
4	Body	Plastic	0.0887	Silica, Vitreous	60676-86-0	12.95	32.36
			0.0887	Bisphenol A Epoxy Resin	25036-25-3	12.95	
			0.0177	BTDA	2421-28-5	2.59	
			0.0043	Antimony Oxide	1309-64-4	0.63	
			0.0222	TBBPA	79-94-7	3.24	
				Total Weight	0.6852		