


# MATERIAL DECLARATION SHEET



Reliable Electronic Solutions

Material #	4614H-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	0.3621 0.0042 0.0902 0.0300 0.0482 0.0020 0.0040 0.0054 0.0060 0.0021	Alumina Silver Lead Monoxide Ruthenium (IV) Oxide Silicon Dioxide Calcium Oxide Zircon Aluminum Oxide Diboron Trioxide Chromium (III) Oxide	1344-28-1 7440-22-4 1317-36-8 12036-10-1 7631-86-9 1305-78-8 14940-68-2 1344-28-1 1303-86-2 1308-38-9	33.97 0.40 8.46 2.81 4.52 0.19 0.38 0.51 0.57 0.20	52.00
2	Terminal Pins	Steel Plating	0.0890 0.0051 0.0002	Steel Alloys Tin Silver Copper	 7440-31-5 7440-22-4 7440-50-8	8.35 0.48 0.02	8.86
3	Termination	Solder	0.0694 0.0025 0.0004	Tin Silver Copper	7440-31-5 7440-22-4 7440-50-8	6.51 0.24 0.03	6.78
4	Body	Plastic	0.1380 0.1380 0.0276 0.0068 0.0345	Silica, Vitreous Bisphenol A Epoxy Resin BTDA Antimony Oxide TBBPA	60676-86-0 25036-25-3 2421-28-5 1309-64-4 79-94-7	12.95 12.95 2.59 0.63 3.24	32.36
		Total Weight	1.0659				