MATERIAL DECLARATION SHEET

BOURNS®
Reliable Electronic Solutions

Material	Model 4814T-L
Product Line	Resistor Network
Date	27-December-2005
RoHS Compliant	Yes



No.	Construction Element	Material Group	Material Weight [g]	Materials	CAS If applicable	Average Mass [%]	Sum [%]
1	Element						30.88
		Ceramic	0.0882	Alumina	1344-28-1	30.64	
		Conductor	0.000013	Tantalum Nitride	12033-62-4	0.46	
		Ink	0.000010	Titanium	7440-32-6		
		Glaze	0.000025	Palladium	7440-05-3		
			0.000297	Gold	7440-57-5	0.10	
			0.000231	Copper	7440-50-8	0.08	
			0.000116	Nickel	7440-02-0	0.04	
2	Terminal Pins						6.78
		Copper	0.00750	Copper	7440-50-8	2.61	
		Plating	0.01152	Tin	7440-31-5	4.00	
			0.00042	Silver	7440-22-4	0.15	
			0.00006	Copper	7440-50-8	0.02	
3	Termination						2.47
		Solder	0.00079	Tin	7440-31-5	0.25	
			0.00625	Lead	7439-92-1	2.17	
			0.00014	Silver	7440-22-4	0.05	
4	Body						59.87
		Plastic	0.12005	Silica, Vitreous	60676-86-0	41.70	
			0.02916	Epoxy Cresol Novalic Resin	29690-82-2	10.12	
			0.01201	Phenolic Resin	9003-35-4	4.17	
			0.00428	Antimony Oxide	1309-64-4	1.49	
			0.00686	TBBPA	79-94-7	2.38	
		Total Weight	0.287932				

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Important Remarks:

1. Traces are product parts substances etc. that are below a percentage of 0.1% of total weight.
2. A list of the legally regulated substances or materials is available at internet address http://www.eicta.org/content.asp?pageID=113
3. Substances, materials etc. with possible harm to men and environment are listed.
4. There are no risks for human beings and to the environment if products are used properly as designated. This shall not apply to risks caused during procedures for disposal etc.
5. All statements herein are based on our present knowledge.