MATERIAL DECLARATION SHEET

BOURNS®

Reliable Electronic Solutions

Material	Model 4816T-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	0.10080	Alumina	1344-28-1	30.64	
		Conductor	0.000015	Tantalum Nitride	12033-62-4	0.46	
		Ink	0.000011	Titanium	7440-32-6		
		Glaze	0.000029	Palladium	7440-05-3		
			0.000339	Gold	7440-57-5	0.10	
			0.000265	Copper	7440-50-8	0.08	
			0.000132	Nickel	7440-02-0	0.04	
2	Terminal Pins						6.78
		Copper	0.00857	Copper	7440-50-8	2.61	
		Plating	0.01317	Tin	7440-31-5	4.00	
			0.00048	Silver	7440-22-4	0.15	
			0.00007	Copper	7440-50-8	0.02	
3	Termination						2.47
		Solder	0.00081	Tin	7440-31-5	0.25	
			0.00714	Lead	7439-92-1	2.17	
			0.00016	Silver	7440-22-4	0.05	
4	Body						59.87
		Plastic	0.13720	Silica, Vitreous	60676-86-0	41.70	
			0.03332	Epoxy Cresol Novalic Resin	29690-82-2	10.12	
			0.01372	Phenolic Resin	9003-35-4	4.17	
			0.00489	Antimony Oxide	1309-64-4	1.49	
			0.00784	TBBPA	79-94-7	2.38	
		Total Weight	0.328961				

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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.