

MATERIAL DECLARATION SHEET



Reliable Electronic Solutions

Material	Model 4820T-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	Ceramic Conductor Ink Glaze	0.12600 0.000019 0.000014 0.000036 0.000424 0.000331 0.000165	Alumina Tantalum Nitride Titanium Palladium Gold Copper Nickel	1344-28-1 12033-62-4 7440-32-6 7440-05-3 7440-57-5 7440-50-8 7440-02-0	30.64 0.46 0.10 0.08 0.04	30.88
2	Terminal Pins	Copper Plating	0.01071 0.01646 0.00060 0.00009	Copper Tin Silver Copper	7440-50-8 7440-31-5 7440-22-4 7440-50-8	2.61 4.00 0.15 0.02	6.78
3	Termination	Solder	0.00101 0.00893 0.00020	Tin Lead Silver	7440-31-5 7439-92-1 7440-22-4	0.25 2.17 0.05	2.47
4	Body	Plastic	0.17150 0.04165 0.01715 0.00611 0.00980	Silica, Vitreous Epoxy Cresol Novalic Resin Phenolic Resin Antimony Oxide TBBPA	60676-86-0 29690-82-2 9003-35-4 1309-64-4 79-94-7	41.70 10.12 4.17 1.49 2.38	59.87
Total Weight			0.416599				

MATERIAL DECLARATION SHEET



Reliable Electronic Solutions

Contact person	Cathy Godfrey	Bourns , Inc. 1200 Columbia Ave. Riverside, CA 92507 USA phone: 909 781-5690 fax: 909 781-5273
Bourns location	Riverside, CA	
Phone	Ext. 5008	
Fax		
e-mail	Cathy_Godfrey@bourns.com	

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.