## **MATERIAL DECLARATION SHEET**



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Reliable	Electro	mic Noi	lutions
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Material #	4118T-L Series
Product Line	Networks
Date	02-January-2005
RoHS Compliant	Yes



No.	Construction Element	Material Group	Material Weight [g]	Materials	CAS if applicable	Average Mass [%]	Sum [%]
1	Element						15.93
		Ceramic	0.24615	Alumina	1344-28-1	15.78	
		Conductor	0.000055	Tantalum Nitride	12033-62-4		
		Ink	0.000030	Titanium	7440-32-6		
		Glaze	0.000083	Palladium	7440-05-3	0.01	
			0.000966	Gold	7440-57-5	0.06	
			0.000756	Copper	7440-50-8	0.05	
			0.000377	Nickel	7440-02-0	0.02	
2	Terminal Pins						22.77
		Copper	0.3536	Copper	7440-50-8	22.67	
		Plating	0.0016	Tin	7440-31-5	0.10	
3	Termination						1.65
		Solder	0.0026	Tin	7440-31-5	0.17	
			0.0226	Lead	7439-92-1	1.45	
			0.0006	Silver	7440-22-4	0.04	
4	Body						59.65
		Plastic	0.6481	Silica, Vitreous	60676-86-0	41.55	
			0.1574	<b>Epoxy Cresol Novalic Resin</b>	29690-82-2	10.09	
			0.0648	Phenolic Resin	9003-35-4	4.15	
			0.0231	Antimony Oxide	1309-64-4	1.48	
			0.0370	TBBPA	79-94-7	2.37	
		Total Weight	1.559717				

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

## 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 <a href="http://www.eicta.org/content.asp?pageID=113">http://www.eicta.org/content.asp?pageID=113</a>
- 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 statement herein are based on our present knowledge.