

MATERIAL DECLARATION SHEET



Reliable Electronic Solutions

| | | |
|----------------|------------------|--|
| Material # | Model 4311T-L | |
| Product Line | Resistor Network | |
| Date | 02-January-2006 | |
| RoHS Compliant | Yes | |

| No. | Construction Element | Material Group | Material Weight [g] | Materials | CAS If applicable | Average Mass [%] | Sum [%] |
|-----|----------------------|--------------------------------------|---------------------|----------------------------|----------------------|------------------|---------|
| 1 | Element | Ceramic Conductor Ink Glaze | 0.13159 | Alumina | 1344-28-1 | 21.70 | 21.87 |
| | | | 0.000021 | Tantalum Nitride | 12033-62-4 | | |
| | | | 0.000013 | Titanium | 7440-32-6 | | |
| | | | 0.000036 | Palladium | 7440-05-3 | | |
| | | | 0.000421 | Gold | 7440-57-5 | | |
| | | | 0.000329 | Copper | 7440-50-8 | | |
| | | | 0.000164 | Nickel | 7440-02-0 | | |
| | | | 0.000164 | | | | |
| 2 | Terminal Pins | Copper Plating | 0.1430 | Copper | 7440-50-8 | 23.59 | 23.84 |
| | | | 0.0015 | Tin | 7440-31-5 | | |
| 3 | Termination | Solder | 0.0054 | Tin | 7440-31-5 | 0.88 | 8.78 |
| | | | 0.0467 | Lead | 7439-92-1 | | |
| | | | 0.0011 | Silver | 7440-22-4 | | |
| 4 | Body | Plastic | 0.1922 | Silica, Vitreous | 60676-86-0 | 31.71 | 45.51 |
| | | | 0.0466 | Epoxy Cresol Novalac Resin | 29690-82-2 | | |
| | | | 0.0193 | Phenolic Resin | 9003-35-4 | | |
| | | | 0.0069 | Antimony Oxide | 1309-64-4 | | |
| | | | 0.0110 | TBBPA | 79-94-7 | | |
| | | | 0.0110 | | | | |
| | | Total Weight | 0.606258 | | | | |

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.