

# MATERIAL DECLARATION SHEET



Reliable Electronic Solutions

|                |                |
|----------------|----------------|
| Material       | MF-LR          |
| Product Line   | Multifuse      |
| Revision Date  | April 25, 2005 |
| Revision       | A              |
| RoHS Compliant | Yes            |



| No. | Breakdown of part (e.g. Lead, Ceramic body, coating, plating, additive) | Material/substance name (e.g. Sn alloy, Cu Copper) | Material/ substance weight in grams ( $\pm 0.1\%$ ) | CAS No. / Int. Identifier | Average Mass(%) | SUM (%) |
|-----|---|--|---|---------------------------|-----------------|---------|
| 1   | Carbon Black  | C  | 0.0087627   | 1333-86-4                 | 4.19%           | 4.19%   |
|     |   |  |   |                           | 0.00%           |         |
| 2   | Foil  | Copper   | 0.0239058   | 7440-50-8                 | 11.43%          | 12.03%  |
|     |   | Nickel   | 0.0012580   | 7440-02-0                 | 0.60%           |         |
| 3   | Isolation Tape  | Polyester  | 0.0084651   | ---                       | 4.05%           | 5.40%   |
|     |   | Flame Retardant Adhesive                           | 0.0028217   | ---                       | 1.35%           |         |
| 4   | PE  | Polyethylene Homopolymer                           | 0.0053987   | 9002-88-4                 | 2.58%           | 2.63%   |
|     |   | Proprietary Additives                              | 0.0001101   | ---                       | 0.05%           |         |
| 5   | Strip   | Nickel   | 0.1321486   | 7440-02-0                 | 63.18%          | 63.18%  |
| 6   | Solder  | Sn   | 0.0243916   | 7440-31-5                 | 11.66%          | 12.57%  |
|     |   | Ag   | 0.0019003   | 7440-22-4                 | 0.91%           |         |

|                      |           |       |      |      |
|----------------------|-----------|-------|------|------|
| Total weight (grams) | 0.2091627 | Total | 100% | 100% |
|----------------------|-----------|-------|------|------|