

**LTM8061 77LD 15mm X 9mm X 4.32mm - Epoxy (DA) (TABLE OF MATERIAL DECLARATION)**

*The LTM8061 is RoHS compliant per EU RoHS Directive 2003/95/EC.*

**It contains less than 100ppm cadmium (Cd) and less than 1,000ppm of each - lead (Pb), mercury (Hg), hexavalent chromium (Cr+), polybrominated biphenyl (PBB) and polybrominated diphenyl ether (PBDE)**

| No.                  | Part Name                 | Material Name | Component Weight (gram) | Materials Analysis (element)             | CAS Number                                     | Material Mass (gram) | Materials Analysis (weight %) |
|----------------------|---------------------------|---------------|-------------------------|--|--|----------------------|-------------------------------|
| 1                    | Substrate                 | Circuit Board | 0.1399                  | Barium Compounds                         | 7727-43-7                                      | 0.00378              | 2.70                          |
|                      |                           |               |                         | BT Resin/Filler (Silica Crystalline)     | 105391-33-1,<br>1156-51-0/9003-36-5/21645-51-2 | 0.05053              | 36.12                         |
|                      |                           |               |                         | Copper Metal                             | 7440-50-8                                      | 0.03484              | 24.90                         |
|                      |                           |               |                         | Copper Compounds                         | 147-14-8                                       | 0.00003              | 0.02                          |
|                      |                           |               |                         | Ecotoxic substances                      | 7440-38-2,<br>7440-28-0                        | 0.00000              | 0.00                          |
|                      |                           |               |                         | Gold metal or alloy                      | 7440-57-5                                      | 0.00046              | 0.33                          |
|                      |                           |               |                         | Nickel                                   | 7440-02-0                                      | 0.00213              | 1.52                          |
|                      |                           |               |                         | Zinc                                     | 7440-66-6                                      | 0.00004              | 0.03                          |
|                      |                           |               |                         | Continuous Filament Fiber Glass          | 65997-17-3                                     | 0.03970              | 28.38                         |
|                      |                           |               |                         | Acrylic Resin                            | non-disclosure                                 | 0.00719              | 5.14                          |
|                      |                           |               |                         | Epoxy Resin                              | non-disclosure                                 | 0.00003              | 0.02                          |
|                      |                           |               |                         | Chromium(III) Oxide                      | 1308-38-9                                      | 0.00000              | 0.00                          |
|                      |                           |               |                         | Silica amorphous                         | 7631-86-9                                      | 0.00008              | 0.06                          |
|                      |                           |               |                         | Talc;not containing fibers like asbestos | 14807-96-9                                     | 0.00043              | 0.31                          |
|                      |                           |               |                         | Aromatic Carbonyl compounds              | non-disclosure                                 | 0.00041              | 0.29                          |
|                      |                           |               |                         | Cyanoguanidine                           | 461-58-5                                       | 0.00001              | 0.01                          |
|                      |                           |               |                         | Calcium caobonate                        | 471-34-1                                       | 0.00001              | 0.00                          |
|                      |                           |               |                         | Amine compounds                          | non-disclosure                                 | 0.00005              | 0.04                          |
|                      |                           |               |                         | Leveling agent and others                | non-disclosure                                 | 0.00017              | 0.12                          |
| 2                    | Solder Paste              | Alloy         | 0.0017                  | Sn                                       | 7440-31-5                                      | 0.00160              | 95.00                         |
|                      |                           |               |                         | Sb                                       | 7440-36-0                                      | 0.00008              | 5.00                          |
| 3                    | Epoxy                     |               | 0.0012                  | Di-ester resin                           | non-disclosure                                 | 0.00012              | 10.00                         |
|                      |                           |               |                         | Functionalized ester                     | non-disclosure                                 | 0.00012              | 10.00                         |
|                      |                           |               |                         | Silver                                   | 7440-22-4                                      | 0.00096              | 80.00                         |
| 4                    | Passive/Active Components |               | 0.7177                  | Iron Powder (Fe)                         | 7439-89-6                                      | 0.43297              | 60.32                         |
|                      |                           |               |                         | Copper (Cu)                              | 7440-50-8                                      | 0.25202              | 35.11                         |
|                      |                           |               |                         | Nickel (Ni)                              | 7440-02-0                                      | 0.00535              | 0.75                          |
|                      |                           |               |                         | Tin (Sn)                                 | 7440-31-5                                      | 0.00202              | 0.28                          |
|                      |                           |               |                         | Ceramic (Ba Compounds)                   | 12047-27-7                                     | 0.02541              | 3.54                          |
| 5                    | Active Ics                | Silicon       | 0.0033                  | Silicon                                  | 7440-21-3                                      | 0.00325              | 100.00                        |
| 6                    | Wire                      | Gold          | 0.0155                  | Au                                       | 7440-57-5                                      | 0.01550              | 99.99                         |
| 7                    | Encapsulation             | Epoxy Resin   | 0.8186                  | Fused Silica                             | 60676-86-0                                     | 0.63193              | 77.20                         |
|                      |                           |               |                         | Epoxy Resin                              | non-disclosure                                 | 0.07285              | 8.90                          |
|                      |                           |               |                         | Phenol Resin                             | non-disclosure                                 | 0.07285              | 8.90                          |
|                      |                           |               |                         | Crytalline Silica                        | 14808-60-7                                     | 0.02456              | 3.00                          |
|                      |                           |               |                         | Carbon Black                             | 1333-86-4                                      | 0.00409              | 0.50                          |
|                      |                           |               |                         | Metal Hydroxide                          | non-disclosure                                 | 0.01228              | 1.50                          |
| Total Package Weight |                           |               | 1.6979                  |  |  |                      |                               |

Note: Composition derived from MSDS and material C of C from Vendors  
Component Weight based on assembly of generic parts