

| LTM4611 133LD 15mm X 15mm X 4.32mm (TABLE OF MATERIAL DECLARATION) | | | | | | | |
|---|---------------------------|---------------|-------------------------|---|---|----------------------|-------------------------------|
| The LTM4611 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 | 0.2265 | Barium Compounds | 7727-43-7 | 0.00372 | 1.6400 |
| | | | | Bismaleimide/Triazine Resin/Filter Substances(Silica Crytaline) | 105391-33-1, 1156-51-0/9003-36-5/21645-51-2 | 0.08991 | 39.6900 |
| | | | | Copper Metal | 7440-50-8 | 0.04778 | 21.0900 |
| | | | | Copper Compounds | 147-14-8 | 0.00003 | 0.0140 |
| | | | | Ecotoxic substances | 7440-38-2, 7440-28-0 | 0.00001 | 0.0030 |
| | | | | Gold metal or alloy | 7440-57-5 | 0.00082 | 0.3600 |
| | | | | Nickel | 7440-02-0 | 0.00526 | 2.3200 |
| | | | | Zinc | 7440-66-6 | 0.00007 | 0.0290 |
| | | | | Bisphenol A epoxyresin | 25068-38-6 | 0.00001 | 0.0050 |
| | | | | Continuos Filament Fiber Glass | 65997-17-3 | 0.07064 | 31.1800 |
| | | | | Acrylic Resin | non-disclosure | 0.00709 | 3.1300 |
| | | | | Epoxy Resin | non-disclosure | 0.00011 | 0.0470 |
| | | | | Silica amorphous | 7631-86-9 | 0.00005 | 0.0200 |
| | | | | Talc;not containing fibers like asbestos | 14807-96-9 | 0.00043 | 0.1900 |
| | | | | Aromatic Carbonyl compounds | non-disclosure | 0.00041 | 0.1800 |
| | | | | Cyanoguanidine | 461-58-5 | 0.00001 | 0.0050 |
| | | | | Amine compounds | non-disclosure | 0.00005 | 0.0230 |
| | | | | Leveling agent and others | non-disclosure | 0.00016 | 0.0720 |
| | | | | Imidazole system curingg reagent | non-disclosure | 0.00001 | 0.0050 |
| 2 | Solder Paste | Alloy | 0.0130 | Sn | 7440-31-5 | 0.01239 | 95.0000 |
| | | | | Sb | 7440-36-0 | 0.00065 | 5.0000 |
| 3 | Passive/Active Components | | 0.8909 | Iron Powder (Fe) | 7439-89-6 | 0.65576 | 73.6036 |
| | | | | Copper (Cu) | 7440-50-8 | 0.17826 | 20.0075 |
| | | | | Nickel (Ni) | 7440-02-0 | 0.00682 | 0.7656 |
| | | | | Tin (Sn) | 7440-31-5 | 0.00682 | 0.7654 |
| | | | | Ceramic (Ba) Compounds | 12047-27-7 | 0.04324 | 4.8533 |
| 4 | Active Ics | Silicon | 0.0132 | Silicon | 7440-21-3 | 0.01324 | 100.0000 |
| 5 | Wire | Gold | 0.0023 | Au | 7440-57-5 | 0.00230 | 99.9900 |
| 6 | Encapsulation | Epoxy Resin | 1.4769 | Fused Silica | 60676-86-0 | 1.14016 | 77.2000 |
| | | | | Epoxy Resin | non-disclosure | 0.13144 | 8.9000 |
| | | | | Phenol Resin | non-disclosure | 0.13144 | 8.9000 |
| | | | | Crytalline Silica | 14808-60-7 | 0.04431 | 3.0000 |
| | | | | Carbon Black | 1333-86-4 | 0.00738 | 0.5000 |
| | | | | Metal Hydroxide | non-disclosure | 0.02215 | 1.5000 |
| | | | | Total Package Weight | | | 2.6229 |

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

2.62292