

LTM8025 70LD 15mm X 9mm X 4.32mm (TABLE OF MATERIAL DECLARATION)
The LTM8025 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 | 0.1342 | Barium Compounds | 7727-43-7 | 0.0023 | 1.73 |
| | | | | Bismaleimide/Triazine Resin/Filter Substances(Silica Crytaline) | 105391-33-1, 1156-51-0/9003-36-5/21645-51-2, non-disclosure | 0.0364 | 27.13 |
| | | | | Copper Metal | 7440-50-8 | 0.0580 | 43.21 |
| | | | | Copper Compounds | 147-14-8 | 0.0000 | 0.02 |
| | | | | Ecotoxic substances | 7440-38-2, 7440-28-0 | 0.0000 | 0.00 |
| | | | | Gold metal or alloy | 7440-57-5 | 0.0006 | 0.48 |
| | | | | Nickel | 7440-02-0 | 0.0030 | 2.23 |
| | | | | Zinc | 7440-66-6 | 0.0000 | 0.03 |
| | | | | Continuos Filament Fiber Glass | 65997-17-3 | 0.0286 | 21.32 |
| | | | | Acrylic Resin | - | 0.0044 | 3.29 |
| | | | | Epoxy Resin | - | 0.0000 | 0.02 |
| | | | | Chromium(III) Oxide | 1308-38-9 | 0.0000 | 0.00 |
| | | | | Silica amorphous | 7631-86-9 | 0.0001 | 0.04 |
| | | | | Talc;not containing fibers like asbestos | 14807-96-9 | 0.0003 | 0.20 |
| | | | | Aromatic Carbonyl compounds | - | 0.0003 | 0.19 |
| | | | | Cyanoguanidine | 461-58-5 | 0.0000 | 0.01 |
| | | | | Calcium caobonate | 471-34-1 | 0.0000 | 0.00 |
| | | | | Amine compounds | - | 0.0000 | 0.03 |
| | | | | Leveling agent and others | - | 0.0001 | 0.08 |
| 2 | Solder Paste | Alloy | 0.0040 | Sn | 7440-31-5 | 0.0038 | 95.00 |
| | | | | Sb | 7440-36-0 | 0.0002 | 5.00 |
| 3 | Epoxy | | 0.0023 | Di-ester resin | - | 0.0002 | 8.00 |
| | | | | Functionalized ester | - | 0.0002 | 8.00 |
| | | | | Silver | 7440-22-4 | 0.0019 | 84.00 |
| 4 | Passive/Active Components | | 0.8404 | Iron Powder (Fe) | 7439-89-6 | 0.5002 | 59.52 |
| | | | | Copper (Cu) | 7440-50-8 | 0.2947 | 35.07 |
| | | | | Nickel (Ni) | 7440-02-0 | 0.0071 | 0.84 |
| | | | | Tin (Sn) | 7440-31-5 | 0.0369 | 4.39 |
| | | | | Ceramic (Ba compounds) | 12047-27-7 | 0.0015 | 0.18 |
| 5 | Active Ics | Silicon | 0.0031 | Silicon | 7440-21-3 | 0.0031 | 100.00 |
| 6 | Wire | Gold | 0.0004 | Au | 7440-57-5 | 0.0004 | 99.99 |
| 7 | Encapsulation | Epoxy Resin | 0.7975 | Fused Silica | 60676-86-0 | 0.6157 | 77.20 |
| | | | | Epoxy Resin | - | 0.0710 | 8.90 |
| | | | | Phenol Resin | - | 0.0710 | 8.90 |
| | | | | Crytalline Silica | 14808-60-7 | 0.0239 | 3.00 |
| | | | | Carbon Black | 1333-86-4 | 0.0040 | 0.50 |
| | | | | Metal Hydroxide | - | 0.0120 | 1.50 |
| Total Package Weight | | | 1.7820 | | | | |

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