

LTM4603 118LD 15mm X 15mm X 2.82mm (TABLE OF MATERIAL DECLARATION)

The LTM4603 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	0.1151	Barium Compounds	7727-43-7	0.0017	1.50
				Filler Substances (Silica Crystalline)	-	0.0459	39.91
				Copper Metal	7440-50-8	0.0645	56.00
				Copper Compounds	1328-53-6	0.0000	0.02
				Ecotoxic substances	7439-92-1	0.0000	0.00
				Gold metal or alloy	7440-57-5	0.0005	0.46
				Nickel	7440-02-0	0.0024	2.10
				Zinc	7440-66-6	0.0000	0.01
2	Solder Paste	Alloy	0.0189	Sn	7440-31-5	0.01797	95.0
				Sb	7440-36-0	0.00095	5.0
3	Passive/Active Components		0.6687	Iron Powder (Fe)	7439-89-6	0.3810	56.98
				Copper (Cu)	7440-50-8	0.0896	13.40
				Nickel (Ni)	7440-02-0	0.0005	0.07
				Tin (Sn)	7440-31-5	0.0029	0.44
				Miscellaneous	-	0.1947	29.12
4	Active Ics	Silicon	0.0012	Silicon	7440-21-3	0.00117	100
5	Wire	Gold	0.0024	Au	7440-57-5	0.0023511	99.99
6	Encapsulation	Epoxy Resin	0.8929	Fused Silica	60676-86-0	0.68935	77.2
				Epoxy Resin	-	0.07947	8.9
				Phenol Resin	-	0.07947	8.9
				Crytalline Silica	14808-60-7	0.02679	3.0
				Carbon Black	1333-86-4	0.00446	0.5
				Metal Hydroxide	-	0.01339	1.5
Total Package Weight			1.6992				

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