

LTM4615 144LD 15.00mm X 15.00mm X 2.82mm (TABLE OF MATERIAL DECLARATION)

The LTM4615 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	0.2345	Barium Compounds	7727-43-7	0.00352	1.5
				Filler Substances (Silica Crystalline)	-	0.09360	39.91457
				Copper Metal	7440-50-8	0.13132	56
				Copper Compounds	1328-53-6	0.00004	0.018
				Ecotoxic substances	7439-92-1	0.00000	0.00043
				Gold metal or alloy	7440-57-5	0.00108	0.46
				Nickel	7440-02-0	0.00492	2.1
				Zinc	7440-66-6	0.00002	0.007
2	Solder Paste	Alloy	0.0246	Sn	7440-31-5	0.02337	95.0
				Sb	7440-36-0	0.00123	5.0
3	Passive/Active Components		0.3621	Iron Powder (Fe)	7439-89-6	0.16371	45.210
				Copper (Cu)	7440-50-8	0.08995	24.840
				Nickel (Ni)	7440-02-0	0.00067	0.185
				Tin (Sn)	7440-31-5	0.00036	0.099
				Miscellaneous	-	0.10740	29.660
4	Active Ics	Silicon	0.0124	Silicon	7440-21-3	0.01240	100
5	Wire	Gold	0.0021	Au	7440-57-5	0.00210	99.99
6	Encapsulation	Epoxy Resin	0.9827	Fused Silica	60676-86-0	0.75864	77.2
				Epoxy Resin	-	0.08746	8.9
				Phenol Resin	-	0.08746	8.9
				Crytalline Silica	14808-60-7	0.02948	3.0
				Carbon Black	1333-86-4	0.00491	0.5
				Metal Hydroxide	-	0.01474	1.5
Total Package Weight			1.6184				

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