



LTM8033IY - Pb 76LD 15mm X 11.25mm X 4.32mm Solder (DA) (TABLE OF MATERIAL DECLARATION)

Contains > 1,000ppm of Lead (Pb) in the terminals

No.	Part Name	Material Name	Component Weight (gram)	Materials Analysis (element)	CAS Number	Material Mass (gram)	Materials Analysis (weight %)
1	Substrate	Circuit Board	0.1868	Barium Compounds	7727-43-7	0.00469	2.510
				Bismaleimide/Triazine/Resin/Filler Substances (Silica Crystalline)	105391-33-1, 1156-51-0/9003-36-5/21645-51-2, non-disclosure	0.03562	19.070
				Copper Metal	7440-50-8	0.10599	56.750
				Copper Compounds	147-14-8	0.00004	0.022
				Ecotoxic substances	7440-38-2, 7440-28-0	0.00002	0.010
				Gold metal or alloy	7440-57-5	0.00032	0.170
				Nickel	7440-02-0	0.00151	0.810
				Zinc	7440-66-6	0.00021	0.110
				Continuous Filament Fiber Glass	65997-17-3	0.02798	14.980
				Acrylic Resin	non-disclosure	0.00893	4.780
				Epoxy Resin	non-disclosure	0.00003	0.016
				Chromium(III) Oxide	1308-38-9	0.00001	0.004
				Silica Amorphous	7631-86-9	0.00010	0.051
				Talc: not containing fiber like asbestos	14807-96-6	0.00054	0.290
				Aromatic carbonyl compounds	non-disclosure	0.00050	0.270
				Cyanoguanidine	461-58-5	0.00001	0.008
				Calcium caobonate	471-34-1	0.00056	0.003
				Amine compounds	non-disclosure	0.00007	0.037
				Leveling agent and others	non-disclosure	0.00021	0.110
				2	Solder Paste	Alloy	0.2145
Sb	7440-36-0	0.01072	5.000				
3	Passive/Active Components		0.7208	Iron Powder (Fe)	7439-89-6	0.46874	65.03
				Copper (Cu)	7440-50-8	0.15429	21.40
				Nickel (Ni)	7440-02-0	0.01159	1.61
				Tin (Sn)	7440-31-5	0.00689	0.96
				Ceramic (Ba) Compounds	12047-27-7	0.07928	11.00
4	Solder Ball	Alloy	0.1444	Sn	7440-31-5	0.09097	63.00
				Pb	7439-92-1	0.05343	37.00
5	Active Ics	Silicon	0.0039	Silicon	7440-21-3	0.00394	100.000
6	Wire	Gold	0.0024	Au	7440-57-5	0.00240	99.990
7	Encapsulation	Epoxy Resin	1.0187	Fused Silica	60676-86-0	0.78647	77.200
				Epoxy Resin	non-disclosure	0.09067	8.900
				Phenol Resin	non-disclosure	0.09067	8.900
				Crystalline Silica	14808-60-7	0.03056	3.000
				Carbon Black	1333-86-4	0.00509	0.500
				Metal Hydroxide	non-disclosure	0.01528	1.500
Total Package Weight			2.2915				

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