



DO201AD GPP Axial-leaded Rectifier

Material Content Declaration					
Material name	Substance name, e.g. Copper (Cu),	CAS no., if known	Substance mass (mg)	% OF Weight (%)	ppm Of Total Weight
Lead Wire 46.63%	Copper (Cu)	7440-50-8	557.960	99.9787	466,198.2
	Phosphorus (P)	7723-14-0	0.006	0.0010	5.0
	Arsenic (As)	7440-38-2	0.006	0.0010	5.0
	Tin (Sn)	7440-31-5	0.006	0.0010	5.0
	Oxygen (O)	7782-44-7	0.003	0.0005	2.5
	Sulfur (S)	7704-34-9	0.067	0.0120	56.0
	Iron (Fe)	7439-89-6	0.004	0.0007	3.3
	Nickel (Ni)	7440-02-0	0.002	0.0003	1.7
	Bismuth (Bi)	7440-69-9	0.011	0.0021	9.2
	Antimony (Sb)	1309-64-4	0.011	0.0021	9.2
	Lead (Pb)	7439-92-1	0.002	0.0003	1.7
	Zinc (Zn)	7440-66-6	0.002	0.0003	1.7
	Total		558.08		
Solder Wafer 0.23%	Lead (Pb)	7439-92-1	2.59	93.50	2,164.1
	Tin (Sn)	7440-31-5	0.11	3.97	91.9
	Silver (Ag)	7440-22-4	0.07	2.53	58.5
	Total		2.77		
Chip 0.27%	Silicon (Si)	7440-21-3	3.08	95.40	2,574.7
	Lead (Pb)	7439-92-1	0.15	4.60	124.1
	Total		3.23		
Molding 52.74%	Epoxy	38891-59-7	631.15	100.00	527,351.4
	Total		631.15		
Plating 0.13%	Tin (Sn)	7440-31-5	1.6	100.00	1,336.9
	Total		1.60		
	Total mass (mg)		1,196.83		