



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	466,200.0
	Phosphorus (P)	7723-14-0	0.006	0.0010	4.7
	Arsenic (As)	7440-38-2	0.006	0.0010	4.7
	Tin (Sn)	7440-31-5	0.006	0.0010	4.7
	Oxygen (O)	7782-44-7	0.003	0.0005	2.3
	Sulfur (S)	7704-34-9	0.067	0.0120	56.0
	Iron (Fe)	7439-89-6	0.004	0.0007	3.1
	Nickel (Ni)	7440-02-0	0.002	0.0003	1.4
	Bismuth (Bi)	7440-69-9	0.011	0.0020	9.3
	Antimony (Sb)	1309-64-4	0.011	0.0020	9.3
	Lead (Pb)	7439-92-1	0.003	0.0005	2.3
	Zinc (Zn)	7440-66-6	0.002	0.0003	1.4
		Total		558.08	
Solder Wafer 0.23%	Lead (Pb)	7439-92-1	2.590	93.61	2,164.1
	Tin (Sn)	7440-31-5	0.112	4.05	93.6
	Silver (Ag)	7440-22-4	0.065	2.34	54.1
		Total		2.77	
Chip 0.27%	Silicon (Si)	7440-21-3	3.23	100.00	2,698.8
		Total	3.23		
Molding 52.74%	Epoxy	25928-94-3	631.15	100.00	527,353.4
		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		