



R1-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 83.1%	Copper (Cu)	7440-50-8	139.6200	99.9890	830,725.3
	Phosphorus (P)	7723-14-0	0.0014	0.0010	8.3
	Arsenic (As)	7440-38-2	0.0014	0.0010	8.3
	Tin (Sn)	7440-31-5	0.0014	0.0010	8.3
	Oxygen (O)	7782-44-7	0.0007	0.0010	4.2
	Sulfur (S)	7704-34-9	0.0168	0.0010	100.0
	Iron (Fe)	7439-89-6	0.0009	0.0007	5.4
	Nickel (Ni)	7440-02-0	0.0004	0.0003	2.4
	Bismuth (Bi)	7440-69-9	0.0029	0.0021	17.3
	Antimony (Sb)	1309-64-4	0.0029	0.0021	17.3
	Lead (Pb)	7439-92-1	0.0007	0.0005	4.2
	Zinc (Zn)	7440-66-6	0.0005	0.0003	3.0
	Total		139.65		
Solder Wafer 0.60%	Lead (Pb)	7439-92-1	0.944	92.50	5,613.7
	Tin (Sn)	7440-31-5	0.051	5.00	303.4
	Silver (Ag)	7440-22-4	0.0255	2.50	151.7
	Total		1.02		
Chip 0.46%	Silicon (Si)	7440-21-3	0.74	95.40	4,427.4
	Lead (Pb)	7439-92-1	0.04	4.60	213.5
	Total		0.78		
Molding 15,48%	Epoxy	38891-59-7	26.02	100.00	154,816.4
	Total		26.02		
Plating 0.36%	Tin (Sn)	7440-31-5	0.6	100.00	3,569.9
	Total		0.60		
	Total mass (mg)		168.07		