



R1 Axial-leaded Rectifier

Material Content Declaration					
Material name	Substance name, e.g. Copper (Cu), Gold (Au)	CAS no., if known	Substance mass (mg)	% OF Weight (%)	ppm Of Total Weight
Lead Wire 82.85%	Copper (Cu)	7440-50-8	139.6200	99.9787	828,292.3
	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	0.0005	4.1
	Sulfur (S)	7704-34-9	0.0168	0.0120	99.4
	Iron (Fe)	7439-89-6	0.0009	0.0007	5.5
	Nickel (Ni)	7440-02-0	0.0004	0.0003	2.5
	Bismuth (Bi)	7440-69-9	0.0028	0.0020	16.6
	Antimony (Sb)	1309-64-4	0.0028	0.0020	16.6
	Lead (Pb)	7439-92-1	0.0007	0.0005	4.1
	Zinc (Zn)	7440-66-6	0.0004	0.0003	2.5
	Total		139.65		
Solder Wafer 0.60%	Lead (Pb)	7439-92-1	0.944	92.50	5,597.3
	Tin (Sn)	7440-31-5	0.051	5.00	302.6
	Silver (Ag)	7440-22-4	0.0255	2.50	151.3
	Total		1.02		
Chip 0.42%	Silicon (Si)	7440-21-3	0.714	100.00	4,235.8
	Total		0.71		
Coating 0.33%	Si Rubber		0.56	100.00	3,322.2
	Total		0.56		
Molding 15.44%	Epoxy	25928-94-3	26.02	100.00	154,363.0
	Total		26.02		
Plating 0.36%	Tin (Sn)	7440-31-5	0.6	100.00	3,559.5
	Total		0.60		
	Total mass (mg)		168.56		