



1.5KE 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 43.83%	Copper (Cu)	7440-50-8	499.1200	99.9788	438,219.5
	Phosphorus (P)	7723-14-0	0.0049	0.0010	4.3
	Arsenic (As)	7440-38-2	0.0049	0.0010	4.3
	Tin (Sn)	7440-31-5	0.0049	0.0010	4.3
	Oxygen (O)	7782-44-7	0.0025	0.0005	2.2
	Sulfur (S)	7704-34-9	0.0599	0.0120	52.6
	Iron (Fe)	7439-89-6	0.0033	0.0007	2.9
	Nickel (Ni)	7440-02-0	0.0015	0.0003	1.3
	Bismuth (Bi)	7440-69-9	0.0100	0.0020	8.8
	Antimony (Sb)	1309-64-4	0.0100	0.0020	8.8
	Lead (Pb)	7439-92-1	0.0025	0.0005	2.2
	Zinc (Zn)	7440-66-6	0.0015	0.0003	1.3
		Total		499.23	
Solder Wafer 0.24%	Lead (Pb)	7439-92-1	2.590	93.61	2,274.0
	Tin (Sn)	7440-31-5	0.112	4.05	98.3
	Silver (Ag)	7440-22-4	0.065	2.34	56.8
		Total		2.77	
Chip 0.37%	Silicon (Si)	7440-21-3	4.23	100.00	3,713.9
		Total		4.23	
Molding 55.41%	Epoxy	25928-94-3	631.15	100.00	554,139.7
		Total		631.15	
Plating 0.14%	Tin (Sn)	7440-31-5	1.6	100.00	1,404.8
		Total		1.60	
	Total mass (mg)		1,138.97		

