



A405 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 58.36%	Copper (Cu)	7440-50-8	166.4667	99.9787	583,485.4
	Phosphorus (P)	7723-14-0	0.0017	0.0010	5.8
	Arsenic (As)	7440-38-2	0.0017	0.0010	5.8
	Tin (Sn)	7440-31-5	0.0017	0.0010	5.8
	Oxygen (O)	7782-44-7	0.0008	0.0005	2.9
	Sulfur (S)	7704-34-9	0.0200	0.0120	70.0
	Iron (Fe)	7439-89-6	0.0011	0.0007	3.9
	Nickel (Ni)	7440-02-0	0.0005	0.0003	1.8
	Bismuth (Bi)	7440-69-9	0.0033	0.0020	11.7
	Antimony (Sb)	1309-64-4	0.0033	0.0020	11.7
	Lead (Pb)	7439-92-1	0.0008	0.0005	2.9
	Zinc (Zn)	7440-66-6	0.0005	0.0003	1.8
		Total		166.50	
Solder Wafer 0.69%	Lead (Pb)	7439-92-1	1.829	92.51	6,410.9
	Tin (Sn)	7440-31-5	0.099	5.01	347.0
	Silver (Ag)	7440-22-4	0.049	2.48	171.8
		Total		1.98	
Chip 1.11%	Silicon (Si)	7440-21-3	3.158	100.00	11,069.2
		Total		3.16	
Coating 0.36%	Si Rubber		1.02	100.00	3,575.2
		Total		1.02	
Molding 39.17%	Epoxy	25928-94-3	111.74	100.00	391,661.9
		Total		111.74	
Plating 0.31%	Tin (Sn)	7440-31-5	0.9	100.00	3,154.6
		Total		0.90	
	Total mass (mg)		285.30		