



R6 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 51.22%	Copper (Cu)	7440-50-8	1,119.772	99.9788	512,043.40
	Phosphorus (P)	7723-14-0	0.011	0.0010	5.05
	Arsenic (As)	7440-38-2	0.011	0.0010	5.05
	Tin (Sn)	7440-31-5	0.011	0.0010	5.05
	Oxygen (O)	7782-44-7	0.006	0.0005	2.56
	Sulfur (S)	7704-34-9	0.134	0.0120	61.46
	Iron (Fe)	7439-89-6	0.007	0.0007	3.38
	Nickel (Ni)	7440-02-0	0.003	0.0003	1.54
	Bismuth (Bi)	7440-69-9	0.022	0.0020	10.24
	Antimony (Sb)	1309-64-4	0.022	0.0020	10.24
	Lead (Pb)	7439-92-1	0.006	0.0005	2.56
	Zinc (Zn)	7440-66-6	0.003	0.0003	1.54
		Total		1,120.01	
Solder Wafer 0.76%	Lead (Pb)	7439-92-1	15.45	92.50	7,063.75
	Tin (Sn)	7440-31-5	0.84	5.00	381.82
	Silver (Ag)	7440-22-4	0.42	2.50	190.91
	Total		16.70		
Chip 0.25%	Silicon (Si)	7440-21-3	5.46	100.00	2,496.72
	Total		5.46		
Coating 0.21%	Si Rubber		4.56	100.00	2,085.17
	Total		4.56		
Molding 47.37%	Epoxy	25928-94-3	1,035.94	100.00	473,709.00
	Total		1,035.94		
Plating 0.19%	Tin (Sn)	7440-31-5	4.20	100.00	1,920.55
	Total		4.20		
	Total mass (mg)		2,186.87		