



DO15 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 65.68%	Copper (Cu)	7440-50-8	263.730	99.9789	656,689.3
	Phosphorus (P)	7723-14-0	0.003	0.0010	6.5
	Arsenic (As)	7440-38-2	0.003	0.0010	6.5
	Tin (Sn)	7440-31-5	0.003	0.0010	6.5
	Oxygen (O)	7782-44-7	0.001	0.0005	3.3
	Sulfur (S)	7704-34-9	0.032	0.0120	78.7
	Iron (Fe)	7439-89-6	0.002	0.0007	4.3
	Nickel (Ni)	7440-02-0	0.001	0.0003	2.0
	Bismuth (Bi)	7440-69-9	0.005	0.0020	12.9
	Antimony (Sb)	1309-64-4	0.005	0.0020	12.9
	Lead (Pb)	7439-92-1	0.001	0.0005	3.2
	Zinc (Zn)	7440-66-6	0.001	0.0003	2.0
		Total		263.79	
Solder Wafer 0.60%	Lead (Pb)	7439-92-1	2.16	92.50	5,366.0
	Tin (Sn)	7440-31-5	0.12	5.00	290.1
	Silver (Ag)	7440-22-4	0.06	2.50	144.9
		Total		2.33	
Chip 0.80%	Silicon (Si)	7440-21-3	3.23	100.00	8,045.2
		Total	3.23		
Coating 0.31%	Si Rubber		1.25	100.00	3,112.5
		Total	1.25		
Molding 32.32%	Epoxy	25928-94-3	129.81	100.00	323,225.2
		Total	129.81		
Plating 0.29%	Tin (Sn)	7440-31-5	1.20	100.00	2,988.0
		Total	1.20		
	Total mass (mg)		401.61		