



DO41 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 64.74%	Copper (Cu)	7440-50-8	218.065	99.9794	649,003.0
	Phosphorus (P)	7723-14-0	0.002	0.0009	6.0
	Arsenic (As)	7440-38-2	0.002	0.0009	6.0
	Tin (Sn)	7440-31-5	0.002	0.0009	6.0
	Oxygen (O)	7782-44-7	0.001	0.0005	3.0
	Sulfur (S)	7704-34-9	0.026	0.0119	77.4
	Iron (Fe)	7439-89-6	0.001	0.0005	3.0
	Nickel (Ni)	7440-02-0	0.001	0.0005	3.0
	Bismuth (Bi)	7440-69-9	0.004	0.0018	11.9
	Antimony (Sb)	1309-64-4	0.004	0.0018	11.9
	Lead (Pb)	7439-92-1	0.001	0.0005	3.0
	Zinc (Zn)	7440-66-6	0.001	0.0005	3.0
	Total		218.11		
Solder Wafer 0.59%	Lead (Pb)	7439-92-1	1.83	92.42	5,446.4
	Tin (Sn)	7440-31-5	0.10	5.05	297.6
	Silver (Ag)	7440-22-4	0.05	2.53	148.8
		Total		1.98	
Chip 0.94%	Silicon (Si)	7440-21-3	3.16	100.00	9,404.8
		Total	3.16		
Coating 0.30%	Si Rubber	63394-02-5	1.02	100.00	3,035.7
		Total	1.02		
Molding 33.17%	Epoxy	38891-59-7	111.73	100.00	331,668.2
		Total	111.73		
Plating 0.26%	Tin (Sn)	7440-31-5	0.90	100.00	2,678.6
		Total	0.90		
	Total mass (mg)		336.90		