RECTRON
RECTIFIER SPECIALISTS

A405 GPP 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 **58.51%**	Copper (Cu)	7440-50-8	166.4667	99.9787	584,957.6
	Phosphorus (P)	7723-14-0	0.0017	0.0010	5.9
	Arsenic (As)	7440-38-2	0.0017	0.0010	5.9
	Tin (Sn)	7440-31-5	0.0017	0.0010	5.9
	Oxygen (O)	7782-44-7	0.0008	0.0005	2.9
	Sulfur (S)	7704-34-9	0.0200	0.0120	70.2
	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	6,427.0
	Tin (Sn)	7440-31-5	0.099	5.01	347.9
	Silver (Ag)	7440-22-4	0.049	2.48	172.2
	Total		**1.98**		
Chip **1.22%**	Silicon (Si)	7440-21-3	3.30	95.40	11,599.0
	Lead (Pb)	7439-92-1	0.16	4.60	559.3
	Total		**3.46**		
Molding **39.26%**	Epoxy	38891-59-7	111.74	100.00	392,650.1
	Total		**111.74**		
Plating **0.32%**	Tin (Sn)	7440-31-5	0.9	100.00	3,162.6
	Total		**0.90**		
	Total mass (mg)		**284.58**		