



### R3 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
<b>Lead Wire</b> 85.80%	Copper (Cu)	7440-50-8	499.1200	99.9788	857,733.1
	Phosphorus (P)	7723-14-0	0.0049	0.0010	8.5
	Arsenic (As)	7440-38-2	0.0049	0.0010	8.5
	Tin (Sn)	7440-31-5	0.0049	0.0010	8.5
	Oxygen (O)	7782-44-7	0.0025	0.0005	4.3
	Sulfur (S)	7704-34-9	0.0599	0.0120	102.9
	Iron (Fe)	7439-89-6	0.0033	0.0007	5.7
	Nickel (Ni)	7440-02-0	0.0015	0.0003	2.6
	Bismuth (Bi)	7440-69-9	0.0100	0.0020	17.2
	Antimony (Sb)	1309-64-4	0.0100	0.0020	17.2
	Lead (Pb)	7439-92-1	0.0025	0.0005	4.3
	Zinc (Zn)	7440-66-6	0.0015	0.0003	2.6
		<b>Total</b>		<b>499.23</b>	
<b>Solder Wafer</b> 0.66%	Lead (Pb)	7439-92-1	3.571	92.50	6,135.9
	Tin (Sn)	7440-31-5	0.193	5.00	331.7
	Silver (Ag)	7440-22-4	0.097	2.50	165.8
		<b>Total</b>		<b>3.86</b>	
<b>Chip</b> 0.69%	Silicon (Si)	7440-21-3	4.01	100.00	6,891.1
		<b>Total</b>		<b>4.01</b>	
<b>Coating</b> 0.38%	Si Rubber		2.21	100.00	3,797.9
		<b>Total</b>		<b>2.21</b>	
<b>Molding</b> 12.37%	Epoxy	25928-94-3	72	100.00	123,731.3
		<b>Total</b>		<b>72.00</b>	
<b>Plating</b> 0.10%	Tin (Sn)	7440-31-5	0.6	100.00	1,031.1
		<b>Total</b>		<b>0.60</b>	
	<b>Total mass (mg)</b>		<b>581.91</b>		