



**R6 Axial-leaded Rectifier**

<b>Material Content Declaration</b>						
<b>Material name</b>	<b>Substance name, e.g. Copper (Cu)</b>	<b>CAS no., if known</b>	<b>Substance mass (mg)</b>	<b>% OF Weight (%)</b>	<b>ppm Of Total Weight</b>	
<b>Lead Wire</b> <b>51.33%</b>	Copper (Cu)	7440-50-8	1,119.772	99.9788	513,113.33	
	Phosphorus (P)	7723-14-0	0.011	0.0010	5.06	
	Arsenic (As)	7440-38-2	0.011	0.0010	5.06	
	Tin (Sn)	7440-31-5	0.011	0.0010	5.06	
	Oxygen (O)	7782-44-7	0.006	0.0005	2.57	
	Sulfur (S)	7704-34-9	0.134	0.0120	61.59	
	Iron (Fe)	7439-89-6	0.007	0.0007	3.39	
	Nickel (Ni)	7440-02-0	0.003	0.0003	1.54	
	Bismuth (Bi)	7440-69-9	0.022	0.0020	10.26	
	Antimony (Sb)	1309-64-4	0.022	0.0020	10.26	
	Lead (Pb)	7439-92-1	0.006	0.0005	2.57	
	Zinc (Zn)	7440-66-6	0.003	0.0003	1.54	
	<b>Total</b>			<b>1,120.01</b>		
	<b>Solder Wafer</b> <b>0.76%</b>	Lead (Pb)	7439-92-1	15.45	92.50	7,078.51
Tin (Sn)		7440-31-5	0.84	5.00	382.62	
Silver (Ag)		7440-22-4	0.42	2.50	191.31	
<b>Total</b>				<b>16.70</b>		
<b>Chip</b> <b>0.25%</b>	Silicon (Si)	7440-21-3	5.21	95.40	2,386.85	
	Lead (Pb)	7439-92-1	0.25	4.60	115.09	
	<b>Total</b>			<b>5.46</b>		
<b>Molding</b> <b>47.47%</b>	Epoxy	38891-59-7	1,035.94	100.00	474,698.83	
	<b>Total</b>			<b>1,035.94</b>		
<b>Plating</b> <b>0.19%</b>	Tin (Sn)	7440-31-5	4.20	100.00	1,924.57	
	<b>Total</b>			<b>4.20</b>		
	<b>Total mass (mg)</b>		<b>2,182.31</b>			