



**DO213AB (MELF) Rectifier**

<b>Material Content Declaration</b>					
<b>Material name</b>	<b>Substance name e.g. Copper (Cu), Gold (Au)</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 76.41%</b>	Copper (Cu)	7440-50-8	99.8000	99.9787	763,924.0
	Phosphorus (P)	7723-14-0	0.0010	0.0010	7.7
	Arsenic (As)	7440-38-2	0.0010	0.0010	7.7
	Tin (Sn)	7440-31-5	0.0010	0.0010	7.7
	Oxygen (O)	7782-44-7	0.0005	0.0005	3.8
	Sulfur (S)	7704-34-9	0.0120	0.0120	91.9
	Iron (Fe)	7439-89-6	0.0007	0.0007	5.1
	Nickel (Ni)	7440-02-0	0.0003	0.0003	2.3
	Bismuth (Bi)	7440-69-9	0.0020	0.0020	15.3
	Antimony (Sb)	1309-64-4	0.0020	0.0020	15.3
	Lead (Pb)	7439-92-1	0.0005	0.0005	3.8
	Zinc (Zn)	7440-66-6	0.0003	0.0003	2.3
	<b>Total</b>		<b>99.82</b>		
<b>Solder Wafer 0.84%</b>	Lead (Pb)	7439-92-1	1.01	92.50	7,753.1
	Tin (Sn)	7440-31-5	0.05	5.00	419.1
	Silver (Ag)	7440-22-4	0.03	2.50	209.5
	<b>Total</b>		<b>1.10</b>		
<b>Chip 0.61%</b>	Silicon (Si)	7440-21-3	0.80	100.00	6,123.6
	<b>Total</b>		<b>0.80</b>		
<b>Molding 21.82%</b>	Epoxy	25928-94-3	28.51	100.00	218,192.9
	<b>Total</b>		<b>28.51</b>		
<b>Plating 0.32%</b>	Tin (Sn)	7440-31-5	0.42	100.00	3,214.9
	<b>Total</b>		<b>0.42</b>		
	<b>Total mass (mg)</b>		<b>130.64</b>		