



## RS10- M Material Safety Data Sheet

<b>Material Content Declaration</b>					
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 35.25%</b>	Copper (Cu)	7440-50-8	2,115.721	99.9863	352,736.6
	Phosphorus (P)	7723-14-0	0.014	0.0007	2.3
	Arsenic (As)	7440-38-2	0.014	0.0007	2.3
	Tin (Sn)	7440-31-5	0.014	0.0007	2.3
	Oxygen (O)	7782-44-7	0.007	0.0003	1.2
	Sulfur (S)	7704-34-9	0.162	0.0077	27.0
	Iron (Fe)	7439-89-6	0.009	0.0004	1.5
	Nickel (Ni)	7440-02-0	0.004	0.0002	0.7
	Bismuth (Bi)	7440-69-9	0.027	0.0013	4.5
	Antimony (Sb)	1309-64-4	0.027	0.0013	4.5
	Lead (Pb)	7439-92-1	0.007	0.0003	1.2
	Zinc (Zn)	7440-66-6	0.004	0.0002	0.7
	<b>Total</b>			<b>2116.01</b>	
<b>Solder Wafer 0.31%</b>	Lead (Pb)	7439-92-1	17.21	91.74	2,869.3
	Tin (Sn)	7440-31-5	1.03	5.49	171.7
	Silver (Ag)	7440-22-4	0.52	2.77	86.7
	<b>Total</b>			<b>18.76</b>	
<b>Chip 0.21%</b>	Silicon (Si)	7440-21-3	12.03	95.40	2,005.7
	Lead (Pb)	7439-92-1	0.58	4.60	96.7
	<b>Total</b>			<b>12.61</b>	
<b>Molding 64.11%</b>	Epoxy	38891-59-7	3843.43	100.00	640,783.1
	<b>Total</b>				<b>3843.43</b>
<b>Plating 0.12%</b>	Tin (Sn)	7440-31-5	7.21	100.00	1,202.1
	<b>Total</b>				<b>7.21</b>
<b>Total mass</b>			<b>5,998.02</b>		