

**DO35 (Mini-Glass) Diodes**

<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 Nail heads Dunmet 8.80%</b>	<b>Inner Core</b>	Iron (Fe)	7439-89-6	4.8363	43.97	38,693.2
		Nickel (Ni)	7440-02-0	3.5237	32.03	28,192.2
	<b>Copper Clad</b>	Copper (Cu)	7440-50-8	2.6400	24.00	21,121.7
		<b>Total</b>		<b>11.00</b>		
<b>Leads 63.78%</b>	<b>CCS</b>	Iron (Fe)	7439-89-6	65.3704	82.00	523,005.0
		Copper (Cu)	7440-50-8	14.3496	18.00	114,806.0
		<b>Total</b>		<b>79.72</b>		
<b>Glass Sleeve 26.40%</b>		PbO	1317-36-8	19.9650	60.50	159,732.8
		SiO <sub>2</sub>	7631-86-9	10.8900	33.00	87,127.0
		K <sub>2</sub> O	12136-45-7	1.3200	4.00	10,560.8
		B <sub>2</sub> O <sub>3</sub>	1303-86-2	0.8250	2.50	6,600.5
		<b>Total</b>		<b>33.00</b>		
<b>Chip 0.04%</b>		Silicon (Si)	7440-21-3	0.03545	70.90	283.6
		Aluminum (Al)	7429-90-5	0.00005	0.10	0.4
		Silver (Ag)	7440-22-4	0.01430	28.60	114.4
		Nickel (Ni)	7440-02-0	0.00020	0.40	1.6
		<b>Total</b>		<b>0.05</b>		
<b>Plating 0.79%</b>		Tin (Sn)	7440-31-5	0.9997	100.00	7,998.2
		<b>Total</b>		<b>0.99</b>		
<b>Marking 0.19%</b>		Ink ( C )	7440-44-0	0.2300	100.00	1,840.1
		<b>Total</b>		<b>0.23</b>		
		<b>Total mass (mg)</b>		<b>124.99</b>		