



**DO41 (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 18.67%</b>	<b>Inner Core</b>	Iron (Fe)	7439-89-6	20.7669	43.97	82,085.9
		Nickel (Ni)	7440-02-0	15.1309	32.03	59,808.3
	<b>Copper Clad</b>	Copper (Cu)	7440-50-8	11.3362	24.00	44,808.7
		<b>Total</b>		<b>47.23</b>		
<b>Leads 59.43%</b>	<b>CCS</b>	Iron (Fe)	7439-89-6	123.2755	82.00	487,274.3
		Copper (Cu)	7440-50-8	27.0605	18.00	106,962.7
		<b>Total</b>		<b>150.34</b>		
<b>Glass Sleeve 19.70</b>		PbO	1317-36-8	30.1502	60.50	119,175.4
		SiO <sub>2</sub>	7631-86-9	16.4456	33.00	65,004.8
		K <sub>2</sub> O	12136-45-7	1.9934	4.00	7,879.4
		B <sub>2</sub> O <sub>3</sub>	1303-86-2	1.2459	2.50	4,924.6
		<b>Total</b>		<b>49.84</b>		
<b>Chip 0.07%</b>		Silicon (Si)	7440-21-3	0.11699	70.90	462.4
		Aluminum (Al)	7429-90-5	0.00017	0.10	0.7
		Silver (Ag)	7440-22-4	0.04719	28.60	186.5
		Nickel (Ni)	7440-02-0	0.00066	0.40	2.6
		<b>Total</b>		<b>0.17</b>		
<b>Plating 1.98%</b>		Tin (Sn)	7440-31-5	4.9985	100.00	19,757.7
		<b>Total</b>		<b>4.99</b>		
<b>Marking 0.15%</b>		Ink ( C )	7440-44-0	0.4300	100.00	1,699.7
		<b>Total</b>		<b>0.43</b>		
		<b>Total mass (mg)</b>		<b>252.99</b>		