



DO213AB (Glass MELF) Diodes

Material Content Declaration						
Material name		Substance name e.g. Copper (Cu), Gold (Au)	CAS no., if known	Substance mass (mg)	% OF Weight (%)	ppm Of Total Weight
Lead Slugs-Dunmet 62.85%	Inner Core	Iron (Fe)	7439-89-6	35.8938	43.97	276,320.9
		Nickel (Ni)	7440-02-0	26.1526	32.03	201,330.0
	Copper Clad	Copper (Cu)	7440-50-8	19.5936	24.00	150,837.2
		Total		81.64		
Glass Sleeve 36.49		PbO	1317-36-8	28.6740	60.50	220,740.6
		SiO ₂	7631-86-9	15.6404	33.00	120,404.0
		K ₂ O	12136-45-7	1.8958	4.00	14,594.4
		B ₂ O ₃	1303-86-2	1.1849	2.50	9,121.5
		Total		47.40		
Chip 0.13%		Silicon (Si)	7440-21-3	0.1170	70.90	900.6
		Aluminum (Al)	7429-90-5	0.0002	0.10	1.3
		Silver (Ag)	7440-22-4	0.0472	28.60	363.3
		Nickel (Ni)	7440-02-0	0.0007	0.40	5.1
		Total		0.17		
Plating 0.31%		Tin (Sn)	7440-31-5	0.3999	100.00	3,078.4
		Total		0.40		
Marking 0.22%		Ink (C)	7440-44-0	0.3000	100.00	2,309.5
		Total		0.30		
		Total mass (mg)		129.90		