


MATERIAL DECLARATION



Model #	2055-xx-SMLF		
Product Line	GDT		
Compliance Date	Q1 2005		
RoHS Compliant	Yes	MSL 1	

No.	Construction Element (subpart)	Homogeneous Material	Material weight [g]	Homogeneous Material\ Substances	CAS if applicable	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
1	Substrate	Ceramic	0.150	Alumina (Al ₂ O ₃)	1344-28-1	95	23.1	24.4
				Silicon Dioxide (SiO ₂)	7631-86-9	5	1.2	
2	electrode	Ni-Fe alloy	0.445	Iron (Fe)	7439-89-6	58	42.0	72.4
				Nickel (Ni)	7440-02-0	42	30.3	
3	solder	Ag-Cu alloy	0.015	Silver (Ag)	7440-22-4	72	1.7	2.4
				Copper (Cu)	7440-50-8	28	0.7	
4	surface finish on electrode	plating tin	0.005	Tin (Sn)	7440-31-5	100	0.9	0.8
		Total weight	0.615					

Important remarks:

1. It is the responsibility of the user to verify they are accessing the latest version.