


# MATERIAL DECLARATION



Model #	2054-XX-SMLF		
Product Line	GDT		
Compliance Date	April 01st, 2009		
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	0.173	Alumina (Al <sub>2</sub> O <sub>3</sub> )	1344-28-1	95	25.3	26.6
				Silicon Dioxide (SiO <sub>2</sub> )	7631-86-9	5	1.3	
2	electrode	Ni-Fe alloy	0.459	Iron (Fe)	7439-89-6	58	41.0	70.6
				Nickel (Ni)	7440-02-0	42	29.6	
3	solder	Ag-Cu alloy	0.015	Silver (Ag)	7440-22-4	72	1.7	2.3
				Copper (Cu)	7440-50-8	28	0.6	
4	surface finish on electrode	plating tin	0.003	Tin (Sn)	7440-31-5	100	0.5	0.5
		Total weight	0.650					

## Important remarks:

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