

# Material Declaration

Type SMD  
Total Weight (mg) 2.76



Part	Weight of parts(mg)	Material Name	CAS No.	Substance	Weight per Material (%)	Weight (mg)
Base	1.89999	Ceramic	1344-28-1	Al <sub>2</sub> O <sub>3</sub>	47.68440887	0.9059990
			1317-34-6	Mn <sub>2</sub> O <sub>3</sub>	1.73685125	0.0330000
			7631-86-9	SiO <sub>2</sub>	1.68421939	0.0320000
			1313-27-5	MoO <sub>3</sub>	0.26315928	0.0050000
			1309-48-4	MgO	0.15789557	0.0030000
			7439-98-7	Mo	15.78960942	0.3000010
			7439-89-6	Fe	10.47373934	0.1990000
			7440-02-0	Ni	9.36847036	0.1780000
			7440-48-4	Co	4.26318033	0.0810000
			7440-22-4	Ag	6.15792715	0.1170000
			7440-50-8	Cu	1.10526898	0.0210000
			7440-57-5	Au	1.31527008	0.0249900
Lid	0.7438	Kovar	7439-89-6	Fe	48.16000000	0.3582141
			7440-48-4	Co	15.34000000	0.1140989
			7440-02-0	Ni	35.98000000	0.2676192
			7439-96-5	Mn	0.40000000	0.0029752
			7440-21-3	Si	0.06700000	0.0004983
			7440-47-3	Cr	0.04000000	0.0002975
			7440-44-0	C	0.01300000	0.0000967
Blank	0.0727	Quartz	7631-86-9	SiO <sub>2</sub>	100.00000000	0.0727000
Electrode	0.00311	Metal	7440-22-4	Ag	99.50000000	0.0030945
			7440-47-3	Cr	0.50000000	0.0000156
Resin	0.0404	Silver Silicone Resin	68083-19-2	Siloxane	15.00000000	0.0060600
			7440-22-4	Ag	78.00000000	0.0315120
			7631-86-9	SiO <sub>2</sub>	7.00000000	0.0028280

**Total 2.76**