

Composition for Model 83LF Trimmer

Material	% of Total Mass	Substance Name	CAS #	Substance Mass (grams)	Special Classification
"Nickel silver" alloy	31.60%	Cu	7440-50-8	6.90E-02	
		Zn	7440-66-6	1.80E-02	
		Ni	7440-02-0	1.90E-02	
PPS blend	14.00%	polyphenylene sulphide	26125-40-6	3.80E-02	non-hazardous
		trade secret	unknown	9.00E-03	
silicone rubber	1.10%	methylvinyl polysiloxane	68083-18-1	3.00E-03	non-hazardous
		trade secret	unknown	7.62E-04	
Cu alloy wire	0.42%	Cu	7440-50-8	7.70E-04	
		Zn	7440-66-6	3.78E-04	
		Ni	7440-02-0	2.52E-04	
Nickel alloy bar	0.30%	Cu	7440-50-8	5.00E-07	
		Ni	7440-02-0	8.46E-04	
		C	7440-44-0	6.00E-07	
		Mn	7439-96-5	2.50E-06	
		Fe	7439-89-6	1.50E-04	
		S	7704-34-9	5.00E-08	
		Si	7440-21-3	5.00E-07	
Cu wire	16.30%	Cu	7440-50-8	5.50E-02	
Sn plating	0.01%	Sn	7440-31-5	2.54E-05	
Alumina	36.10%	Al2O3	1344-28-1	1.17E-01	
		SiO2, amorphous	7631-86-9	1.00E-03	
		TiO2	13463-67-7	6.09E-04	
		FeO2	1345-25-1	6.09E-04	
		MnO2	1313-13-9	1.00E-03	
		MgO	1309-48-4	6.09E-04	
		CaO	1305-78-8	6.09E-04	
AgPd thick film	0.12%	Al2O3	1344-28-1	2.71E-06	RoHS exemption 34
		SiO2, amorphous	7631-86-9	1.19E-05	
		TiO2	13463-67-7	2.71E-06	
		PbO	1317-36-8	1.62E-05	
		ZnO	1314-13-2	2.94E-06	
		B2O3	1303-86-2	1.00E-06	
		ZrO2	1314-23-4	2.40E-07	
		BaO	1304-28-5	3.08E-06	
		Ag	7440-22-4	3.23E-04	
		Pd	2023568	3.60E-05	
Ruthenate thick film	0.06%	Al2O3	1344-28-1	2.66E-06	RoHS exemption 34
		SiO2, amorphous	7631-86-9	2.23E-05	
		TiO2	13463-67-7	2.66E-06	
		MnO2	1313-13-9	1.20E-06	
		PbO	1317-36-8	5.85E-05	
		ZnO	1314-13-2	6.38E-06	
		B2O3	1303-86-2	7.46E-06	
		ZrO2	1314-23-4	1.79E-06	
		BaO	1304-28-5	3.02E-06	
		Ag	7440-22-4	7.22E-06	
		Pd	2023568	9.18E-06	
		Steatite	14807-96-6	4.00E-07	
		Bi2Ru2O6	unknown	9.00E-06	
		Pb2Ru2O6+x	unknown	6.40E-05	
		RuO2	12036-10-1	4.20E-06	

Total mass 0.34 grams