

# Material Declaration

Type  
SMQ32SL

Total Weight (mg)  
158.1452



RoHS compliant

RoHS (2015/863/EC) compliant  
( Exemption 7(a) )



Part Name	Weight of part (mg)	Subpart Name	Substance Name	CAS No.	Substance Weight (mg)	Substance % per Part	Substance (%)	Substance (ppm)
Cap	35.0500	Copper Alloy 01	Copper (Cu)	7440-50-8	20.69120	59.03	13.08	130836.72
			Nickel(Ni)	7440-02-0	5.81940	16.60	3.68	36797.83
			Zinc (Zn)	7440-66-6	5.73860	16.37	3.63	36286.91
			Manganese (Mn)	7439-96-5	0.08080	0.23	0.05	510.92
		Ni Plating 01	Nickel(Ni)	7440-02-0	2.72000	7.76	1.72	17199.38
ENCLOSURE	15.7800	Header	Nickel(Ni)	7440-02-0	2.03360	12.89	1.29	12859.07
		Iron Nickel Alloy 01	Iron(Fe)	7439-89-6	2.88180	18.26	1.82	18222.49
			Cobalt(Co)	7440-48-4	0.02480	0.16	0.02	156.82
			Manganese (Mn)	7439-96-5	0.01980	0.13	0.01	125.20
		Glass	Borosilicate Glass	65997-17-3	2.96000	18.76	1.87	18716.98
		Terminal	Iron(Fe)	7439-89-6	2.57580	16.32	1.63	16287.56
		Iron Nickel Alloy 02	Nickel(Ni)	7440-02-0	1.38330	8.77	0.87	8747.02
			Cobalt(Co)	7440-48-4	0.81090	5.14	0.51	5127.57
		Underplating	Cu	7440-50-8	0.56000	3.55	0.35	3541.05
		Lead solder plating	Lead (Pb)	7439-92-1	2.26440	14.35	1.43	14318.49
Tin (Sn)	7440-31-5		0.26560	1.68	0.17	1679.47		
BLANK	2.3952	SiO2	Silicon oxide(SiO2)	14808-60-7	2.36100	98.57	1.49	14929.32
		ELECTRODE	Chromium (Cr)	7440-47-3	0.00120	0.05	0.00	7.59
			Sn	7440-31-5	0.00020	0.01	0.00	1.26
			Silver(Ag)	7440-22-4	0.03280	1.37	0.02	207.40
SOLDER	2.8600	Lead Solder 01	Lead (Pb)	7439-92-1	2.65000	92.66	1.68	16756.75
			Tin (Sn)	7440-31-5	0.15000	5.24	0.09	948.50
			Silver(Ag)	7440-22-4	0.06000	2.10	0.04	379.40
BOND	5.9600	Bond 01	Siloxane	68083-19-2	0.89400	15.00	0.57	5653.03
			Silver(Ag)	7440-22-4	4.64880	78.00	2.94	29395.77
			SiO2	7631-86-9	0.41720	7.00	0.26	2638.08
LEAD FRAME	19.3000	Copper Alloy 02	Copper (Cu)	7440-50-8	11.18000	57.93	7.07	70694.53
			Zn	7440-66-6	6.02000	31.19	3.81	38066.28
		PLATING 01	Ag	7440-22-4	0.42000	2.18	0.27	2655.79
			Sn	7440-31-5	1.68000	8.70	1.06	10623.15
MOLD	76.8000	Mold	Epoxy Compound	25068-38-6	76.80000	76.80	48.56	485629.66

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