

Material Declaration

Type
SMQ32SL

Total Weight (mg)
158,1452



RoHS (2011/65/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	Bororsilicate 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
		Plating 02	Lead (Pb)	7439-92-1	2,26440	14,35	1,43	14318,49
			Cu	7440-50-8	0,56000	3,55	0,35	3541,05
			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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