



Material Composition Sheet

Product: GO1525-CTA
 Package Type: VCO- reels of 3K, 2.5v
 Manufacturer: Gennum Corporation

Date: 06-Dec-2006

Component	BOM	Weight of Component (mg)	Substance	Weight of Substance (mg)	Homogeneous Material				
					%	ppm			
Capacitor		19.36	Copper	0.24	1.23	12397			
			Copper	2.97	15.34	153409			
			Nickel	0.03	0.15	1550			
			Nickel	0.05	0.25	2583			
			Nickel	0.33	1.70	17045			
			Nickel	0.66	3.40	34091			
			Pb	0.03	0.15	1550			
			Pb	0.29	1.49	14979			
			Tin	0.05	0.25	2583			
			Tin	0.50	2.58	25826			
			Titanic acid barium system	1.23	6.35	63533			
			Titanic acid barium system	12.98	67.04	670455			
						Sub-total:	19.36	99.93	1000001
			Case		54.93	Copper	35.62	64.85	648509
Iron	0.00	0.00				55			
Lead	0.00	0.00				55			
Manganese and its compound	0.18	0.32				3277			
Nickel	9.34	17.00				170047			
Zinc and its compound	9.78	17.80				178058			
						Sub-total:	54.93	99.97	1000001
Diode		1.81	3 antimony oxide	0.02	1.10	11038			
			Copper	0.50	27.59	275938			
			Epoxy Resin	1.20	66.22	662252			
			Gold	0.03	1.65	16556			
			Other bromine system	0.02	1.10	11038			
			Pb	0.00	0.11	1104			
			Silicone	0.02	1.10	11038			
			Tin	0.02	1.10	11038			
						Sub-total:	1.81	99.97	1000002
Print Circuit Board		82.80	Acrylic resin	1.31	1.58	15821			
			Barium sulfate	0.71	0.85	8575			
			Copper	34.25	41.36	413647			
			Epoxy Resin	0.36	0.43	4348			
			Epoxy Resin	17.97	21.70	217029			
			Glass	22.47	27.13	271377			
			Gold	0.04	0.04	483			
			Halogenated epoxy resin	4.50	5.43	54348			
			Nickel	1.19	1.43	14372			
						Sub-total:	82.80	99.95	1000000
Resistor		2.55	Ag	0.11	4.32	43205			
			Al2O3	1.78	69.91	699136			
			B2O3	0.01	0.19	1964			
			CaO	0.01	0.39	3928			
			Carbon Black	0.02	0.78	7855			
			Epoxy Resin	0.16	6.28	62844			
			MgO	0.02	0.78	7855			
			MnO2	0.00	0.03	393			
			Ni	0.17	6.67	66771			
			PbO	0.03	1.17	11783			
			Pd	0.00	0.00	0			
			RuO2	0.01	0.39	3928			
			SiO2	0.04	1.57	15711			
			Silica	0.03	1.17	11783			
			Sn	0.16	6.28	62844			
			Sub-total:	2.55	99.93	1000000			
Solder Paste		12.92	Antimony	0.65	5.03	50310			

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			Tin	12.27	94.96	949690
			Sub-total:	12.92	99.99	1000000
Transistor		6.01	3 antimony oxide	0.07	1.16	11647
			BrominatedEpoxyResin	0.07	1.16	11647
			Copper alloy	1.90	31.61	316140
			Epoxy Resin	0.80	13.31	133111
			Gold	0.04	0.66	6656
			Organophosphorus compound	0.02	0.33	3328
			Pb	0.05	0.83	8319
			Silica	2.45	40.76	407654
			Silicone	0.10	1.66	16639
			Silver	0.06	0.99	9983
			Tin	0.45	7.48	74875
			Sub-total:	6.01	99.95	999999
		Total:	180.37			

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