



Material Composition Sheet

Product: GO1525-CTAE3
 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		19.20	Copper	0.24	1.25	12500			
			Copper	2.97	15.46	154688			
			Nickel	0.03	0.15	1563			
			Nickel	0.05	0.26	2604			
			Nickel	0.33	1.71	17188			
			Nickel	0.66	3.43	34375			
			Tin	0.06	0.31	3125			
			Tin	0.66	3.43	34375			
			Titanic acid barium system	1.22	6.35	63542			
			Titanic acid barium system	12.98	67.60	676042			
			Sub-total:	19.20	99.95	1000002			
			Case		54.94	Copper	35.61	64.81	648162
						Iron	0.01	0.01	182
Lead	0.01	0.01				182			
Manganese and its compound	0.18	0.32				3276			
Nickel	9.34	17.00				170004			
Zinc and its compound	9.79	17.81				178194			
Sub-total:	54.94	99.96				1000000			
Diode		1.81	3 antimony oxide	0.02	1.10	11050			
			Bismuth	0.00	0.00	0			
			Copper	0.50	27.62	276243			
			Epoxy Resin	1.20	66.29	662983			
			Gold	0.03	1.65	16575			
			Otherbrominesystemresistance	0.02	1.10	11050			
			Silicone	0.02	1.10	11050			
			Tin	0.02	1.10	11050			
Sub-total:	1.81	99.96	1000001						
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		2.54	Ag	0.11	4.33	43307
Al2O3	1.78	70.07				700787			
B2O3	0.00	0.00				0			
CaO	0.01	0.39				3937			
Carbon Black	0.02	0.78				7874			
Epoxy Resin	0.16	6.29				62992			
MgO	0.02	0.78				7874			
MnO2	0.00	0.00				0			
Ni	0.17	6.69				66929			
PbO	0.03	1.18				11811			
Pd	0.00	0.00				0			
RuO2	0.01	0.39				3937			
SiO2	0.04	1.57				15748			
Silica	0.03	1.18				11811			
Sn	0.16	6.29				62992			
ZnO	0.00	0.00				0			
Sub-total:	2.54	99.94	999999						
Solder Paste		12.92	Antimony	0.65	5.03	50310			
			Tin	12.27	94.96	949690			

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			Sub-total:	12.92	99.99	1000000
Transistor		5.99	3 antimony oxide	0.07	1.16	11686
			Bismuth	0.01	0.16	1669
			BrominatedEpoxyResin	0.07	1.16	11686
			Copper alloy	1.90	31.71	317195
			Epoxy Resin	0.80	13.35	133556
			Gold	0.04	0.66	6678
			Silica	2.46	41.06	410684
			Silicone	0.10	1.66	16694
			Silver	0.06	1.00	10017
			Tin	0.48	8.01	80134
			Sub-total:	5.99	99.93	999999
		Total:	180.20			

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