



Material Composition Sheet

Product: GO1535-CTX
 Package Type: Crystal 14.14Mhz (2K per reel)
 Manufacturer: Gennum Corporation

Date: 06-Dec-2006

Component	BOM	Weight of Component (mg)	Substance	Weight of Substance (mg)	Homogeneous Material	
					%	ppm
Ceramic		33.12	Al2O3	31.04	93.71	937198
			Cr2O3	0.24	0.72	7246
			MoO3	0.32	0.96	9662
			SiO2	1.52	4.58	45894
			Sub-total:	33.12	99.97	1000000
Crystal		2.17	Ag	0.04	1.84	18433
			Au	0.02	0.92	9217
			Cr	0.00	0.00	0
			Si	0.01	0.46	4608
			SiO2	2.10	96.77	967742
			Sub-total:	2.17	99.99	1000000
Lid		11.57	Co	1.89	16.33	163354
			Fe	5.94	51.33	513397
			Ni	3.70	31.97	319793
			P	0.04	0.34	3457
			Sub-total:	11.57	99.97	1000001
Metallization		6.60	Mo	0.20	3.03	30303
			W	6.40	96.96	969697
			Sub-total:	6.60	99.99	1000000
Plate		0.66	Au	0.33	50.00	500000
			Ni	0.33	50.00	500000
			Sub-total:	0.66	100.00	1000000
Seal Ring		8.37	Co	1.42	16.96	169654
			Fe	4.52	54.00	540024
			Ni	2.43	29.03	290323
			Sub-total:	8.37	99.99	1000001
Silver		1.55	Ag	1.32	85.16	851613
			Cu	0.23	14.83	148387
			Sub-total:	1.55	99.99	1000000
Total:		64.04				

GENNUM CORPORATION

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