

# Material Composition Data



Product: GVXO-52

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## GVXO-52 - SM VCXO Complementary LVDS

Sub-Assembly	Material	Substance	CAS No	Mass (mg)	Sub-Assembly % by mass
Base	Ceramic+seam sealing+gold	Al2O3	1344-28-1	69.800	59.19
	Ceramic+seam sealing+gold	SiO2	14808-60-7	2.770	2.35
	Ceramic+seam sealing+gold	CaO	1305-78-8	0.260	0.22
	Ceramic+seam sealing+gold	MgO	1309-48-4	0.390	0.33
	Ceramic+seam sealing+gold	Cr2O3 (Non hex)	1308-38-9	2.980	2.53
	Ceramic+seam sealing+gold	TiO2	13463-67-7	0.770	0.65
	Ceramic+seam sealing+gold	W	7440-33-7	13.840	11.74
	Ceramic+seam sealing+gold	Mo	7439-98-7	0.430	0.36
	Ceramic+seam sealing+gold	Ni	7440-02-0	1.780	1.51
	Ceramic+seam sealing+gold	Co	7440-48-4	0.450	0.38
	Ceramic+seam sealing+gold	Au	7440-57-5	0.620	0.53
	Ceramic+seam sealing+gold	Fe	7439-89-6	11.200	9.50
	Ceramic+seam sealing+gold	Ni	7440-02-0	6.020	5.10
	Ceramic+seam sealing+gold	Co	7440-48-4	3.530	2.99
	Ceramic+seam sealing+gold	Ag	7440-22-4	2.630	2.23
	Ceramic+seam sealing+gold	Cu	7440-50-8	0.460	0.39
Crystal	Electrode	Ag	7440-22-4	0.019	0.33
	Quartz	SiO2	14808-60-7	5.700	99.67
H / IC	IC	Si	7440-21-3	0.999	50.20
	IC	other		0.001	0.05
	Wire	Au	7440-57-5	0.990	49.75
Lid	Kovar	Ni	7440-02-0	6.940	28.37
	Kovar	Co	7440-48-4	3.960	16.19
	Kovar	Fe	7439-89-6	12.500	51.10
	Nickel plate	Ni	7440-02-0	1.060	4.33
<b>Total Mass:</b>				<b>150.099 mg</b>	

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