

Material Composition Data

Product: GSX-533

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Golledge

Timing Is Everything

GSX-533 - SM Crystal for Bluetooth / Wireless

Sub-Assembly	Material	Substance	CAS No	Mass (mg)	Sub-Assembly % by mass
BASE					
	Metallisation	W	7440-33-7	3.539	11.12
	Ceramics	Al2O3	1344-28-1	24.550	77.16
		SiO2	14808-60-7	1.199	3.77
		Mo	7439-98-7	0.363	1.14
		Co	7440-48-4	0.315	0.99
		CaO	1305-78-8	0.175	0.55
		Cr2O3 (Non hex)	1308-38-9	0.184	0.58
		MgO	1309-48-4	0.162	0.51
	Plating	Au	7440-57-5	0.073	0.23
		Ni	7440-02-0	1.256	3.95
LID					
	Kovar (AgCu clad lid)	Fe	7439-89-6	3.786	39.44
		Ni	7440-02-0	2.827	29.45
		Co	7440-48-4	1.196	12.46
		Ag	7440-22-4	1.266	13.19
		Mn	7439-96-5	0.025	0.26
		Si	7440-21-3	0.006	0.06
		C	7440-44-0	0.001	0.01
		Cu	7440-50-8	0.492	5.13
ADHESIVE					
	3303F	Ag	7440-22-4	0.074	74.00
		Hydrocarbonic Solven	65997-17-3	0.008	8.00
		Silicon Resin		0.018	18.00
BLANK					
	quartz	SiO2	14808-60-7	1.107	100.00
electrode					
	SOLAR	Cr	7440-47-3	0.001	1.00
	GOLD TECH	Au	7440-57-5	0.099	99.00
Total Mass:				42.722 mg	

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