

Material Composition Data

Product: GSX-315

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Golledge

Timing Is Everything

GSX-315 - SM Watch Crystal

Sub-Assembly	Material	Substance	CAS No	Mass (mg)	Sub-Assembly % by mass
Nickel	Nickel	Ni	7440-02-0	0.130	100.00
Lid	Kovar	Ni	7440-02-0	0.408	29.65
		Co	7440-48-4	0.228	16.57
		Fe	7439-89-6	0.736	53.49
		Mn	7439-96-5	0.003	0.22
		Si	7440-21-3	0.001	0.07
Base	Ceramic	Al2O3	1344-28-1	7.513	73.64
		SiO2	14808-60-7	0.367	3.60
		CaO	1305-78-8	0.054	0.53
		MgO	1309-48-4	0.050	0.49
		W	7440-33-7	1.371	13.44
		Ni	7440-02-0	0.487	4.77
		Au	7440-57-5	0.061	0.60
		Co	7440-48-4	0.122	1.20
		Mo	7439-98-7	0.120	1.18
		Cr2O3 (Non hex)	1308-38-9	0.057	0.56
Electrode	Metal	Au	7440-57-5	0.003	60.00
		Ag	7440-22-4	0.002	40.00
Silver Glue	Silicone Resin	Silicon Resin		0.012	25.53
		n-Tridecane	629-50-5	0.012	25.53
		SiO2	14808-60-7	0.002	4.26
		Ag	7440-22-4	0.021	44.68
Getter		Silicon Resin		0.130	100.00
Crystal Blank	Quartz	SiO2	14808-60-7	0.187	100.00
Total Mass:				12.077 mg	

John Hems

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