

Material Composition Data

Product: GSX-200

Page 1



Golledge

Timing Is Everything

GSX-200 - CM200C Watch Crystal

Sub-Assembly	Material	Substance	CAS No	Mass (mg)	Sub-Assembly % by mass
Bond					
	DA6503	Silicon Resin		5.960	100.00
Crystal base					
	42Ni	Ni	7440-02-0	2.030	26.12
		Fe	7439-89-6	2.871	36.95
		Co	7440-48-4	0.025	0.32
		Mn	7439-96-5	0.020	0.26
		Cr	7440-47-3	0.005	0.06
	Glass insert (base)	SiO2	14808-60-7	2.820	36.29
Crystal base lead out wire					
	Kovar	Fe	7439-89-6	0.992	53.94
		Ni	7440-02-0	0.534	29.04
		Co	7440-48-4	0.313	17.02
Crystal base/cover seal					
	Pb-Sn solder	Pb - RoHS exempt	7439-92-1	3.730	96.88
		Sn	7440.31-5	0.120	3.12
Crystal blank					
	Electrode	Ag	7440-22-4	0.030	1.25
		Cr	7440-47-3	0.004	0.17
	Quartz	SiO2	14808-60-7	2.361	98.58
Crystal cover					
	Nickel Plating	Ni	7440-02-0	3.071	12.58
	Nickel Silver (C7521R)	Cu	7440-50-8	13.658	55.95
		Zn	7440-66-6	3.938	16.13
		Ni	7440-02-0	3.713	15.21
		Mn	7439-96-5	0.028	0.11
		Fe	7439-89-6	0.002	0.01
Lead Frame					
	Brass (C2680R)	Cu	7440-50-8	11.180	57.93
		Zn	7440-66-6	6.020	31.19
	plating/solder	Ag	7440-22-4	0.420	2.18
		Sn	7440.31-5	1.680	8.70
Mould					
	KLG-200	Epoxy compound		76.801	100.00
Solder					
	Pb-Sn-Ag solder	Pb - RoHS exempt	7439-92-1	2.650	92.66
		Sn	7440.31-5	0.150	5.24
		Ag	7440-22-4	0.060	2.10

Total Mass: 145.186 mg

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