

Material Composition Data



Product: CM8V-T

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CM8V-T - SM Watch Crystal

Sub-Assembly	Material	Substance	CAS No	Mass (mg)	Sub-Assembly % by mass
Electrodes	Gold	Au	7440-57-5	0.005	100.00
Housing	Ceramic	Al ₂ O ₃	1344-28-1	2.596	100.00
Metal lid	0.1 micron gold over nickel	Au	7440-57-5	0.001	1.00
	0.1 micron gold over nickel	Ni	7440-02-0	0.009	9.00
	Kovar base	Co	7440-48-4	0.015	15.00
	Kovar base	Fe	7439-89-6	0.049	49.00
	Kovar base	Ni	7440-02-0	0.026	26.00
Resonator	Quartz	SiO ₂	14808-60-7	0.260	100.00
Resonator attach	Gold	Au	7440-57-5	0.003	100.00
Seal	Preform	Au	7440-57-5	0.264	80.00
	Preform	Sn	7440-31-5	0.066	20.00
Terminations	Gold	Au	7440-57-5	0.015	5.00
	Molybdenum	Mo	7439-98-7	0.240	80.00
	Nickel	Ni	7440-02-0	0.045	15.00
Total Mass:				3.594 mg	

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