

Material Composition Data

Product: MS1V-T

Page 1



Timing Is Everything

MS1V-T - SM Watch Crystal

Sub-Assembly	Material	Substance	CAS No	Mass (mg)	Sub-Assembly % by mass
Cap	Brass	Cu	7440-50-8	54.520	57.94
		Zn	7440-66-6	36.660	38.96
		Pb	7723-14-0	2.820	3.00
	Gold flashed (0.1 micron)	Au	7440-57-5	0.100	0.11
Conducting Adhesive	Epoxy powder	Epoxy		0.023	30.26
	Silver paste	Ag	7440-22-4	0.053	69.74
Crystal	Quartz	SiO2	14808-60-7	0.650	100.00
Electrode	Electrode material	Cr	7440-47-3	0.001	10.00
		Au	7440-57-5	0.009	90.00
Holder Ring	Alloy 42	Fe	7439-89-6	3.135	57.00
		Ni	7440-02-0	2.310	42.00
		Mn	7439-96-5	0.055	1.00
Lead Plating	Copper	Cu	7440-50-8	1.500	100.00
	Gold flashed (0.1 micron)	Au	7440-57-5	0.000	0.00
	Silver plate	Ag	7440-22-4	0.000	0.00
Leads	Kovar	Fe	7439-89-6	0.795	53.00
		Ni	7440-02-0	0.435	29.00
		Co	7440-48-4	0.270	18.00
Seal	Glass Fibre	SiO2 (Fibre Glass)	7631-86-9	6.000	100.00
Total Mass:				109.336 mg	

John Hems

John Hems
Quality Manager
Email: j.hems@golledge.com