

Material Composition Data



Product: GSX-211

Page 1

GSX-211 - SM Crystal

Sub-Assembly	Material	Substance	CAS No	Mass (mg)	Sub-Assembly % by mass
BASE	Ceramic	Al ₂ O ₃	1344-28-1	1.221	70.17
	Ceramic	Au	7440-57-5	0.025	1.44
	Ceramic	Co	7440-48-4	0.018	1.03
	Ceramic	MgO	1309-48-4	0.004	0.23
	Ceramic	Mn ₂ O ₃	1317-34-6	0.045	2.59
	Ceramic	Mo	7439-98-7	0.306	17.59
	Ceramic	MoO ₃	1313-27-5	0.006	0.34
	Ceramic	Ni	7440-02-0	0.072	4.14
	Ceramic	SiO ₂	14808-60-7	0.043	2.47
	Blank	Quartz	SiO ₂	14808-60-7	0.132
Electrode	Metal	Ag	7440-22-4	0.003	50.00
	Metal	Au	7440-57-5	0.003	50.00
LID	Kovar	Ag	7440-22-4	0.128	9.77
	Kovar	Co	7440-48-4	0.111	8.47
	Kovar	Cu	7440-50-8	0.446	34.05
	Kovar	Fe	7439-89-6	0.360	27.48
	Kovar	Mn	7439-96-5	0.002	0.15
	Kovar	Ni	7440-02-0	0.262	20.00
	Kovar	Si	7440-21-3	0.001	0.08
Silver Glue	Silicone resin	Ag	7440-22-4	0.012	75.00
	Silicone resin	C ₁₂ H ₂₆	112-40-3	0.002	12.50
	Silicone resin	SiO ₂	14808-60-7	0.002	12.50
Total Mass:				3.204 mg	

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