

Material Composition Data



Product: GSX-223

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GSX-223 - SM Crystal

Sub-Assembly	Material	Substance	CAS No	Mass (mg)	Sub-Assembly % by mass
BASE	Metal / Ceramic	Ag	7440-22-4	0.200	5.00
	Metal / Ceramic	Al ₂ O ₃	1344-28-1	2.272	56.80
	Metal / Ceramic	Au	7440-57-5	0.044	1.10
	Metal / Ceramic	Co	7440-48-4	0.156	3.90
	Metal / Ceramic	Cu	7440-50-8	0.036	0.90
	Metal / Ceramic	Fe	7439-89-6	0.372	9.30
	Metal / Ceramic	Mo	7439-98-7	0.200	5.00
	Metal / Ceramic	MoO ₃	1313-27-5	0.028	0.70
	Metal / Ceramic	Ni	7440-02-0	0.300	7.50
	Metal / Ceramic	SiO ₂	14808-60-7	0.192	4.80
	Metal / Ceramic	W	7440-33-7	0.200	5.00
	BLANK	Quartz	SiO ₂	14808-60-7	0.100
LID	Kovar (AgCu clad)	Co	7440-48-4	0.240	15.71
	Kovar (AgCu clad)	Fe	7439-89-6	0.758	49.61
	Kovar (AgCu clad)	Mn	7439-96-5	0.006	0.39
	Kovar (AgCu clad)	Ni	7440-02-0	0.513	33.57
	Kovar (AgCu clad)	P	7723-14-0	0.010	0.65
	Kovar (AgCu clad)	Si	7440-21-3	0.001	0.07
Total Mass:				5.628 mg	

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