

Material Composition Data



Product: GCX-39

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GCX-39 - High Frequency Cylindrical Crystal

Sub-Assembly	Material	Substance	CAS No	Mass (mg)	Sub-Assembly % by mass
Base Ring	Electroplated Nickel	Ni	7440-02-0	0.075	2.03
	Glass Seal	Borosilicate glass	65997-17-3	3.500	94.70
	Kovar	Co	7440-48-4	0.115	3.11
	Kovar	Fe	7439-89-6	0.004	0.11
	Kovar	Ni	7440-02-0	0.002	0.05
Base Wire	Kovar	Fe	7439-89-6	0.365	65.06
	Kovar	Ni	7440-02-0	0.196	34.94
Blank	Quartz	SiO ₂	14808-60-7	3.080	97.16
	Silver	As	7440-38-2	0.090	2.84
Cap	Copper	Cu	7440-50-8	36.300	99.73
	Electroplated Nickel	Ni	7440-02-0	0.100	0.27
Conducting Adhesive	Epoxy powder	Epoxy	129915-35-1	0.910	100.00
Leads	Kovar	Co	7440-48-4	0.001	25.00
	Kovar	Fe	7439-89-6	0.002	50.00
	Kovar	Ni	7440-02-0	0.001	25.00
Total Mass:				44.741 mg	

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