

Product / Package Information

Package	LH250 - Ceramic Hermetic SMT
Body Size	
Lead Count	
Terminal Finish	Au
MS Number	

Environmental Information

RoHS Compliant	Yes
High Temperature Compliant	N/A
Halogen Free Compliant	Yes
REACH SVHC Compliant	Yes

Materials Declaration

Ceramic Body

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Ceramics	Alumina (Al2O3)	1344-28-1	7.91 E-02	91.42	914191	42.34	423361
Ceramics	Inorganic Binders	Proprietary	7.42 E-03	8.58	85809	3.97	39738
Subtotal			8.65 E-02	100.00	1000000	46.31	463099

Lid

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Iron & its alloys	Iron	7439-89-6	4.22 E-02	52.58	525781	22.58	225790
Nickel & its alloys	Nickel	7440-02-0	2.24 E-02	27.87	278653	11.97	119664
Other non-ferrous metals and alloys	Cobalt	7440-48-4	1.16 E-02	14.43	144269	6.20	61954
Precious metals	Gold	7440-57-5	2.85 E-03	3.55	35533	1.53	15259
Tin & its alloys	Tin	7440-31-5	1.26 E-03	1.58	15763	0.68	6769
Subtotal			8.02 E-02	100.00	1000000	42.94	429436

External Plating

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Other non-ferrous metals and alloys	Tungsten	7440-33-7	1.06 E-02	80.75	807514	5.65	56548
Nickel & its alloys	Nickel	7440-02-0	7.54 E-04	5.77	57664	0.40	4038
Precious metals	Gold	7440-57-5	1.76 E-03	13.48	134822	0.94	9441
Subtotal			1.31 E-02	100.00	1000000	7.00	70027

Bond Wires

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Precious metals	Gold	7440-57-5	4.60 E-04	99.99	1000000	0.25	2464

Chip

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Other inorganic materials	Gallium Arsenide	1303-00-0	4.12 E-03	100.0	1000000	2.21	22080

Die Attach

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Precious metals	Silver	7440-22-4	1.71 E-03	71.00	710000	0.92	9155
Other organic materials	1,4 Bis(2,3-epoxypropoxy)butane	2425-79-8	4.82 E-04	20.00	200000	0.26	2579
Other organic materials	Diglycidylether of bisphenol-F	54208-63-8	1.81 E-04	7.50	75000	0.10	967
Other organic materials	Aromatic Amine	Proprietary	3.61 E-05	1.50	15000	0.02	193
Subtotal			2.41 E-03	100.00	1000000	1.29	12894

Package Totals			Weight (g) 1.87 E-01			Percentage (%) 100.00	PPM 1000000
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Note: The information provided in this declaration are true to the best of ADI's knowledge. ADI derived most of the information listed in this declaration from documents provided by third parties, and assumes no liability to any inaccuracy of such information.



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