



Material Content Data Sheet



Halogen-Free

Sales Product Name 2EDL23I06PJ

Issued

08. April 2022

MA# MA005583920

Package PG-DSO-14-70

Weight*

138.49 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	1.871	1.35	1.35	13507	13507
leadframe	inorganic material	phosphorus	7723-14-0	0.014	0.01		104	
	non noble metal	zinc	7440-66-6	0.057	0.04		415	
	non noble metal	iron	7439-89-6	1.150	0.83		8300	
	non noble metal	copper	7440-50-8	46.675	33.70	34.58	337018	345837
wires	noble metal	palladium	7440-05-3	0.001			7	
	non noble metal	copper	7440-50-8	0.093	0.07	0.07	669	676
encapsulation	organic material	carbon black	1333-86-4	0.345	0.25		2493	
	plastics	epoxy resin	-	12.516	9.04		90374	
	inorganic material	silicondioxide	60676-86-0	73.457	53.04	62.33	530402	623269
leadfinish	non noble metal	tin	7440-31-5	1.226	0.89	0.89	8853	8853
plating	noble metal	silver	7440-22-4	0.307	0.22	0.22	2213	2213
glue	plastics	acrylic resin	-	0.172	0.12		1242	
	noble metal	silver	7440-22-4	0.610	0.44	0.56	4403	5645
*deviation	< 10%	Sum in total:				100.00		1000000

Important Remarks:

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