



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	2ED21084S06J	<b>Issued</b>	18. August 2021
<b>MA#</b>	MA005398591		
<b>Package</b>	PG-DSO-14-70	<b>Weight*</b>	138.36 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	1.438	1.04	1.04	10397	10397
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		8308	
	non noble metal	copper	7440-50-8	46.675	33.74	34.62	337351	346178
wires	noble metal	palladium	7440-05-3	0.001			4	
	non noble metal	copper	7440-50-8	0.052	0.04	0.04	379	383
encapsulation	organic material	carbon black	1333-86-4	0.347	0.25		2508	
	plastics	epoxy resin	-	12.580	9.09		90927	
	inorganic material	silicondioxide	60676-86-0	73.834	53.36	62.70	533648	627083
leadfinish	non noble metal	tin	7440-31-5	1.226	0.89	0.89	8862	8862
plating	noble metal	silver	7440-22-4	0.307	0.22	0.22	2215	2215
glue	plastics	acrylic resin	-	0.149	0.11		1074	
	noble metal	silver	7440-22-4	0.527	0.38	0.49	3808	4882
*deviation	< 10%	Sum in total:				100.00		1000000

### Important Remarks:

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This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption.

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