



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	2ED21091S06F	<b>Issued</b>	12. August 2021
<b>MA#</b>	MA005583865		
<b>Package</b>	PG-DSO-8-70	<b>Weight*</b>	75.21 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	1.91	1.91	19127	19127
leadframe	inorganic material	phosphorus	7723-14-0	0.008	0.01		104	
	non noble metal	zinc	7440-66-6	0.031	0.04		418	
	non noble metal	iron	7439-89-6	0.628	0.84		8351	
	non noble metal	copper	7440-50-8	25.502	33.91	34.80	339099	347972
wires	noble metal	palladium	7440-05-3	0.000			6	
	non noble metal	copper	7440-50-8	0.043	0.06	0.06	570	576
encapsulation	organic material	carbon black	1333-86-4	0.230	0.31		3052	
	plastics	epoxy resin	-	6.198	8.24		82416	
	inorganic material	silicondioxide	60676-86-0	39.485	52.49	61.04	525019	610487
leadfinish	non noble metal	tin	7440-31-5	0.833	1.11	1.11	11081	11081
plating	noble metal	silver	7440-22-4	0.134	0.18	0.18	1776	1776
glue	plastics	acrylic resin	-	0.149	0.20		1976	
	noble metal	silver	7440-22-4	0.527	0.70	0.90	7005	8981
*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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