



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	2EDS8165H	<b>Issued</b>	17. May 2021
<b>MA#</b>	MA005419624		
<b>Package</b>	PG-DSO-16-30	<b>Weight*</b>	455.12 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	inorganic material	silicon	7440-21-3	1.097	0.24	0.24	2410	2410
chip_2	inorganic material	silicon	7440-21-3	0.564	0.12	0.12	1240	1240
chip_3	inorganic material	silicon	7440-21-3	0.564	0.12	0.12	1240	1240
leadframe	inorganic material	phosphorus	7723-14-0	0.039	0.01		85	
	non noble metal	zinc	7440-66-6	0.154	0.03		339	
	non noble metal	iron	7439-89-6	3.089	0.68		6788	
	non noble metal	copper	7440-50-8	125.441	27.56	28.28	275622	282834
wire	non noble metal	copper	7440-50-8	0.392	0.09	0.09	862	862
encapsulation	organic material	carbon black	1333-86-4	1.596	0.35		3507	
	plastics	epoxy resin	-	31.918	7.01		70132	
	inorganic material	silicondioxide	60676-86-0	285.671	62.77	70.13	627683	701322
leadfinish	non noble metal	tin	7440-31-5	2.399	0.53	0.53	5270	5270
plating	noble metal	silver	7440-22-4	0.441	0.10	0.10	970	970
glue	plastics	epoxy resin	-	0.438	0.10		963	
	noble metal	silver	7440-22-4	1.315	0.29	0.39	2889	3852
*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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