



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	NLM0011	<b>Issued</b>	15. May 2021
<b>MA#</b>	MA005344227		
<b>Package</b>	PG-SOT23-5-2	<b>Weight*</b>	15.25 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	0.574	3.76	3.76	37630	37630
leadframe	inorganic material	phosphorus	7723-14-0	0.002	0.01		112	
	non noble metal	zinc	7440-66-6	0.007	0.04		449	
	non noble metal	iron	7439-89-6	0.137	0.90		8975	
	non noble metal	copper	7440-50-8	5.557	36.44	37.39	364427	373963
wire	noble metal	gold	7440-57-5	0.029	0.19	0.19	1894	1894
encapsulation	organic material	carbon black	1333-86-4	0.017	0.11		1093	
	plastics	epoxy resin	-	1.274	8.36		83583	
	inorganic material	silicondioxide	60676-86-0	7.038	46.17	54.64	461616	546292
leadfinish	non noble metal	tin	7440-31-5	0.263	1.73	1.73	17269	17269
plating	noble metal	silver	7440-22-4	0.031	0.20	0.20	2028	2028
glue	plastics	acrylic resin	-	0.070	0.46		4603	
	noble metal	silver	7440-22-4	0.249	1.63	2.09	16321	20924
*deviation	< 10%				Sum in total:	100.00		1000000

### Important Remarks:

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