



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	TLE4263G	<b>Issued</b>	14. May 2021
<b>MA#</b>	MA003606544		
<b>Package</b>	PG-DSO-20-66	<b>Weight*</b>	486.13 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	3.136	0.65	0.65	6451	6451
leadframe	inorganic material	phosphorus	7723-14-0	0.039	0.01		80	
	non noble metal	zinc	7440-66-6	0.155	0.03		319	
	non noble metal	iron	7439-89-6	3.104	0.64		6385	
	non noble metal	copper	7440-50-8	126.041	25.93	26.61	259276	266060
wire	non noble metal	copper	7440-50-8	0.158	0.03	0.03	324	324
encapsulation	organic material	carbon black	1333-86-4	0.695	0.14		1430	
	plastics	epoxy resin	-	31.968	6.58		65760	
	inorganic material	silicondioxide	60676-86-0	314.814	64.77	71.49	647593	714783
leadfinish	non noble metal	tin	7440-31-5	2.746	0.56	0.56	5648	5648
plating	noble metal	silver	7440-22-4	1.621	0.33	0.33	3335	3335
glue	plastics	epoxy resin	-	0.413	0.08		850	
	noble metal	silver	7440-22-4	1.239	0.25	0.33	2549	3399
*deviation	< 10%	Sum in total:				100.00		1000000

### Important Remarks:

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