



## Material Content Data Sheet



<b>Sales Product Name</b>	TLE6251-2G			<b>Issued</b>	7. August 2019			
<b>MA#</b>	MA005260102							
<b>Package</b>	PG-DSO-14-62			<b>Weight*</b>	143.23 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	5.050	3.53	3.53	35257	35257
leadframe	inorganic material	phosphorus	7723-14-0	0.016	0.01		109	
	non noble metal	zinc	7440-66-6	0.062	0.04		434	
	non noble metal	iron	7439-89-6	1.243	0.87		8680	
wires	non noble metal	copper	7440-50-8	50.479	35.24	36.16	352435	361658
	noble metal	palladium	7440-05-3	0.002	0.00		11	
	non noble metal	copper	7440-50-8	0.158	0.11	0.11	1106	1117
encapsulation	organic material	carbon black	1333-86-4	0.245	0.17		1707	
	plastics	epoxy resin	-	9.537	6.66		66583	
	inorganic material	silicondioxide	60676-86-0	71.729	50.08	56.91	500792	569082
plating	noble metal	palladium	7440-05-3	0.068	0.05		474	
	noble metal	gold	7440-57-5	0.109	0.08		763	
	non noble metal	nickel	7440-02-0	2.392	1.67	1.80	16700	17937
glue	plastics	epoxy resin	-	0.535	0.37		3737	
	noble metal	silver	7440-22-4	1.606	1.12	1.49	11212	14949
*deviation	< 10%				Sum in total:	100.00		1000000

### Important Remarks:

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3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

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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