



## Material Content Data Sheet



<b>Sales Product Name</b>		TLE4976L		<b>Issued</b>		20. July 2018		
<b>MA#</b>		MA000254807						
<b>Package</b>		PG-SSO-3-2		<b>Weight*</b>		83.46 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	0.705	0.84	0.84	8442	8442
leadframe	non noble metal	chromium	7440-47-3	0.153	0.18		1834	
	non noble metal	titanium	7440-32-6	0.153	0.18		1834	
	non noble metal	nickel	7440-02-0	0.204	0.24		2445	
	non noble metal	tin	7440-31-5	0.306	0.37		3668	
	non noble metal	copper	7440-50-8	50.200	60.17	61.14	601487	611268
wire	noble metal	gold	7440-57-5	0.019	0.02	0.02	223	223
encapsulation	organic material	carbon black	1333-86-4	0.210	0.25		2511	
	plastics	brominated resin	-	0.262	0.31		3138	
	inorganic material	antimonytrioxide	1309-64-4	0.524	0.63		6277	
	plastics	epoxy resin	-	4.767	5.71		57120	
	inorganic material	silicondioxide	60676-86-0	20.431	24.48	31.38	244800	313846
leadfinish	non noble metal	tin	7440-31-5	4.889	5.86	5.86	58580	58580
plating	noble metal	silver	7440-22-4	0.284	0.34	0.34	3407	3407
glue	plastics	epoxy resin	-	0.071	0.08		847	
	noble metal	silver	7440-22-4	0.283	0.34	0.42	3387	4234
*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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