



## Material Content Data Sheet



<b>Sales Product Name</b>		TLE4966L		<b>Issued</b>		24. January 2018		
<b>MA#</b>		MA001683716						
<b>Package</b>		PG-SSO-4-1		<b>Weight*</b>		112.29 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	0.856	0.76	0.76	7626	7626
leadframe	non noble metal	chromium	7440-47-3	0.229	0.20		2037	
	non noble metal	titanium	7440-32-6	0.229	0.20		2037	
	non noble metal	nickel	7440-02-0	0.305	0.27		2717	
	non noble metal	tin	7440-31-5	0.458	0.41		4075	
	non noble metal	copper	7440-50-8	75.040	66.84	67.92	668274	679140
wire	noble metal	gold	7440-57-5	0.057	0.05	0.05	510	510
encapsulation	organic material	carbon black	1333-86-4	0.216	0.19		1926	
	plastics	brominated resin	-	0.270	0.24		2407	
	inorganic material	antimonytrioxide	1309-64-4	0.541	0.48		4815	
	plastics	epoxy resin	-	4.920	4.38		43814	
	inorganic material	silicondioxide	60676-86-0	21.085	18.78	24.07	187774	240736
leadfinish	non noble metal	tin	7440-31-5	7.027	6.26	6.26	62581	62581
plating	noble metal	silver	7440-22-4	0.655	0.58	0.58	5832	5832
glue	plastics	epoxy resin	-	0.080	0.07		715	
	noble metal	silver	7440-22-4	0.321	0.29	0.36	2860	3575
*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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