



## Material Content Data Sheet



<b>Sales Product Name</b>		TLE4998S3		<b>Issued</b>		1. August 2018			
<b>MA#</b>		MA001678506							
<b>Package</b>		PG-SSO-3-10		<b>Weight*</b>		142.97 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	3.851	2.69	2.69	26940	26940	
leadframe	inorganic material	silicon	7440-21-3	0.020	0.01		138		
		non noble metal	titanium	7440-32-6	0.099	0.07		692	
		non noble metal	chromium	7440-47-3	0.297	0.21		2076	
wire	noble metal	non noble metal	copper	7440-50-8	98.494	68.90	69.19	688941	691847
		noble metal	gold	7440-57-5	0.047	0.03	0.03	329	329
		organic material	carbon black	1333-86-4	0.357	0.25		2497	
encapsulation	plastics	epoxy resin	-	4.511	3.16		31553		
		inorganic material	silicondioxide	60676-86-0	27.585	19.30	22.71	192951	227001
leadfinish	non noble metal	tin	7440-31-5	5.779	4.04	4.04	40426	40426	
plating	noble metal	silver	7440-22-4	0.604	0.42	0.42	4222	4222	
glue	plastics	epoxy resin	-	0.264	0.18		1847		
		noble metal	silver	7440-22-4	1.056	0.74	0.92	7388	9235
*deviation	< 10%				Sum in total:	100.00		1000000	

### Important Remarks:

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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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