



## Material Content Data Sheet



<b>Sales Product Name</b>		TLE42664G		<b>Issued</b>		20. July 2018		
<b>MA#</b>		MA001261772						
<b>Package</b>		PG-SOT223-4-23		<b>Weight*</b>		113.62 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	1.419	1.25	1.25	12494	12494
leadframe	inorganic material	silicon	7440-21-3	0.010	0.01		92	
	non noble metal	titanium	7440-32-6	0.052	0.05		459	
	non noble metal	chromium	7440-47-3	0.156	0.14		1376	
	non noble metal	copper	7440-50-8	51.895	45.68	45.88	456748	458675
wire	noble metal	gold	7440-57-5	0.206	0.18	0.18	1817	1817
encapsulation	organic material	carbon black	1333-86-4	0.456	0.40		4015	
	plastics	brominated resin	-	0.570	0.50		5019	
	inorganic material	antimonytrioxide	1309-64-4	1.141	1.00		10038	
	plastics	epoxy resin	-	10.379	9.13		91346	
	inorganic material	silicondioxide	60676-86-0	44.480	39.15	50.18	391485	501903
leadfinish	non noble metal	tin	7440-31-5	1.482	1.30	1.30	13046	13046
plating	noble metal	silver	7440-22-4	0.815	0.72	0.72	7170	7170
glue	plastics	epoxy resin	-	0.097	0.09		857	
	noble metal	silver	7440-22-4	0.459	0.40	0.49	4038	4895
*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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