



## Material Content Data Sheet



<b>Sales Product Name</b>		TLE4285G		<b>Issued</b>		22. January 2018		
<b>MA#</b>		MA001498926						
<b>Package</b>		PG-SCT595-5-2		<b>Weight*</b>		13.91 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	0.294	2.11	2.11	21103	21103
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		87	
	non noble metal	titanium	7440-32-6	0.006	0.04		436	
	non noble metal	chromium	7440-47-3	0.018	0.13		1309	
	non noble metal	copper	7440-50-8	6.045	43.45	43.63	434535	436367
wire	noble metal	gold	7440-57-5	0.026	0.18	0.18	1844	1844
encapsulation	organic material	carbon black	1333-86-4	0.055	0.40		3952	
	plastics	brominated resin	-	0.069	0.49		4940	
	inorganic material	antimonytrioxide	1309-64-4	0.137	0.99		9881	
	plastics	epoxy resin	-	1.251	8.99		89917	
	inorganic material	silicondioxide	60676-86-0	5.361	38.54	49.41	385361	494051
leadfinish	non noble metal	tin	7440-31-5	0.335	2.41	2.41	24111	24111
plating	noble metal	silver	7440-22-4	0.147	1.06	1.06	10576	10576
glue	plastics	epoxy resin	-	0.029	0.21		2091	
	noble metal	silver	7440-22-4	0.137	0.99	1.20	9857	11948
*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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