



## Material Content Data Sheet



<b>Sales Product Name</b>		TLE4295G V50		<b>Issued</b>		19. March 2018		
<b>MA#</b>		MA001498922						
<b>Package</b>		PG-SCT595-5-2		<b>Weight*</b>		13.92 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	0.315	2.26	2.26	22593	22593
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		1308	
	non noble metal	copper	7440-50-8	6.045	43.43	43.61	434202	436033
wire	noble metal	gold	7440-57-5	0.030	0.21	0.21	2138	2138
encapsulation	organic material	carbon black	1333-86-4	0.055	0.39		3938	
	plastics	brominated resin	-	0.069	0.49		4922	
	inorganic material	antimonytrioxide	1309-64-4	0.137	0.98		9844	
	plastics	epoxy resin	-	1.247	8.96		89578	
	inorganic material	silicondioxide	60676-86-0	5.345	38.39	49.21	383906	492188
leadfinish	non noble metal	tin	7440-31-5	0.335	2.41	2.41	24093	24093
plating	noble metal	silver	7440-22-4	0.147	1.06	1.06	10568	10568
glue	plastics	epoxy resin	-	0.030	0.22		2168	
	noble metal	silver	7440-22-4	0.142	1.02	1.24	10219	12387
*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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