



## Material Content Data Sheet



<b>Sales Product Name</b>		TLE4295G V50		<b>Issued</b>		25. November 2015		
<b>MA#</b>		MA000041366						
<b>Package</b>		PG-SCT595-5-1		<b>Weight*</b>		13.90 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	22626	22626
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		87	
	non noble metal	titanium	7440-32-6	0.006	0.04		435	
	non noble metal	chromium	7440-47-3	0.018	0.13		1304	
	non noble metal	copper	7440-50-8	6.019	43.31	43.49	432962	434788
wire	noble metal	gold	7440-57-5	0.030	0.22	0.22	2185	2185
encapsulation	organic material	carbon black	1333-86-4	0.055	0.39		3947	
	plastics	brominated resin	-	0.069	0.49		4934	
	inorganic material	antimonytrioxide	1309-64-4	0.137	0.99		9868	
	plastics	epoxy resin	-	1.248	8.98		89796	
	inorganic material	silicondioxide	60676-86-0	5.350	38.48	49.33	384842	493387
leadfinish	non noble metal	tin	7440-31-5	0.340	2.44	2.44	24430	24430
plating	noble metal	silver	7440-22-4	0.142	1.02	1.02	10179	10179
glue	plastics	epoxy resin	-	0.030	0.22		2171	
	noble metal	silver	7440-22-4	0.142	1.02	1.24	10234	12405
*deviation	< 10%					Sum in total:	100.00	1000000

### Important Remarks:

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This product is in compliance with EU Directive 2011/65/EU (RoHS) and does not use any exemption.

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