



## Material Content Data Sheet



<b>Sales Product Name</b>		TLE4296-2G V33		<b>Issued</b>		24. November 2015		
<b>MA#</b>		MA000048414						
<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	0.328	2.36	2.36	23567	23567
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	432921	434747
wire	noble metal	gold	7440-57-5	0.027	0.19	0.19	1908	1908
encapsulation	organic material	carbon black	1333-86-4	0.055	0.39		3939	
	plastics	brominated resin	-	0.068	0.49		4924	
	inorganic material	antimonytrioxide	1309-64-4	0.137	0.98		9848	
	plastics	epoxy resin	-	1.246	8.96		89620	
	inorganic material	silicondioxide	60676-86-0	5.340	38.41	49.23	384085	492416
leadfinish	non noble metal	tin	7440-31-5	0.340	2.44	2.44	24428	24428
plating	noble metal	silver	7440-22-4	0.142	1.02	1.02	10178	10178
glue	plastics	epoxy resin	-	0.031	0.22		2232	
	noble metal	silver	7440-22-4	0.146	1.05	1.27	10524	12756
*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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