



Material Content Data Sheet



Sales Product Name		TLE4296-2G V50		Issued		24. November 2015		
MA#		MA000048415						
Package		PG-SCT595-5-1		Weight*		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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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 2011/65/EU (RoHS) and does not use any exemption.

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