

Material Content Data Sheet

Sales Product Name	TLE4286G	**Issued**	28. August 2013
MA#	MA000044377		
Package	P-SCT595-5-1	**Weight***	13.69 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	0.267	1.95	1.95	19473	19473
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		88	
	non noble metal	titanium	7440-32-6	0.006	0.04		441	
	non noble metal	chromium	7440-47-3	0.018	0.13		1324	
	non noble metal	copper	7440-50-8	6.019	43.96	44.14	439529	441382
wire	noble metal	gold	7440-57-5	0.030	0.22	0.22	2161	2161
encapsulation	organic material	carbon black	1333-86-4	0.055	0.40		4035	
	plastics	brominated resin	-	0.069	0.50		5044	
	inorganic material	antimonytrioxide	1309-64-4	0.138	1.01		10087	
	plastics	epoxy resin	-	1.257	9.18		91793	
	inorganic material	silicondioxide	60676-86-0	5.387	39.34	50.43	393397	504356
leadfinish	non noble metal	lead	7439-92-1	0.042	0.31		3086	
	non noble metal	tin	7440-31-5	0.107	0.78	1.09	7838	10924
plating	noble metal	silver	7440-22-4	0.142	1.03	1.03	10333	10333
glue	plastics	epoxy resin	-	0.027	0.20		1990	
	noble metal	silver	7440-22-4	0.128	0.94	1.14	9381	11371
*deviation	< 10%				Sum in total:	100,00		1000000

Important Remarks:

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