



Material Content Data Sheet



Sales Product Name	TLE4206-4G			Issued		24. April 2017		
MA#	MA000864200							
Package	PG-DSO-14-22			Weight*		142.94 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	3.173	2.22	2.22	22199	22199
leadframe	inorganic material	phosphorus	7723-14-0	0.015	0.01		106	
	non noble metal	zinc	7440-66-6	0.060	0.04		422	
	non noble metal	iron	7439-89-6	1.207	0.84		8443	
	non noble metal	copper	7440-50-8	49.007	34.28	35.17	342841	351812
wire	noble metal	gold	7440-57-5	0.216	0.15	0.15	1509	1509
encapsulation	organic material	carbon black	1333-86-4	0.172	0.12		1206	
	plastics	epoxy resin	-	7.928	5.55		55463	
	inorganic material	silicondioxide	60676-86-0	78.074	54.62	60.29	546185	602854
leadfinish	non noble metal	tin	7440-31-5	1.226	0.86	0.86	8578	8578
plating	noble metal	silver	7440-22-4	1.030	0.72	0.72	7204	7204
glue	plastics	acrylic resin	-	0.184	0.13		1286	
	noble metal	silver	7440-22-4	0.652	0.46	0.59	4558	5844
*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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