



## Material Content Data Sheet



<b>Sales Product Name</b>		TLE6389-3G V50		<b>Issued</b>		25. September 2017		
<b>MA#</b>		MA000971480						
<b>Package</b>		PG-DSO-14-1		<b>Weight*</b>		143.99 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	6.620	4.60	4.60	45977	45977
leadframe	inorganic material	phosphorus	7723-14-0	0.015	0.01		105	
	non noble metal	zinc	7440-66-6	0.060	0.04		419	
	non noble metal	iron	7439-89-6	1.207	0.84		8382	
wire	non noble metal	copper	7440-50-8	49.007	34.03	34.92	340344	349250
	noble metal	gold	7440-57-5	0.275	0.19	0.19	1909	1909
	encapsulation	organic material	carbon black	1333-86-4	0.165	0.11		1143
plastics	plastics	epoxy resin	-	7.572	5.26		52583	
	inorganic material	silicondioxide	60676-86-0	74.563	51.79	57.16	517830	571556
leadfinish	non noble metal	tin	7440-31-5	1.226	0.85	0.85	8515	8515
plating	noble metal	silver	7440-22-4	1.030	0.72	0.72	7152	7152
glue	plastics	acrylic resin	-	0.495	0.34		3441	
	noble metal	silver	7440-22-4	1.757	1.22	1.56	12200	15641
*deviation	< 10%				Sum in total:	100.00		1000000

### Important Remarks:

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This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption

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