



## Material Content Data Sheet



<b>Sales Product Name</b>		TLE8110ED		<b>Issued</b>		20. July 2018		
<b>MA#</b>		MA002027398						
<b>Package</b>		PG-DSO-36-72		<b>Weight*</b>		538.75 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	12.286	2.28	2.28	22804	22804
leadframe	inorganic material	phosphorus	7723-14-0	0.072	0.01		134	
	non noble metal	iron	7439-89-6	0.241	0.04		448	
	non noble metal	copper	7440-50-8	240.973	44.74	44.79	447279	447861
	non noble metal	copper	7440-50-8	2.585	0.48	0.48	4797	4797
wire	non noble metal	copper	7440-50-8	2.585	0.48	0.48	4797	4797
encapsulation	organic material	carbon black	1333-86-4	0.814	0.15		1511	
	plastics	epoxy resin	-	31.747	5.89		58926	
	inorganic material	silicondioxide	60676-86-0	238.780	44.32	50.36	443207	503644
leadfinish	non noble metal	tin	7440-31-5	6.656	1.24	1.24	12354	12354
plating	noble metal	silver	7440-22-4	1.799	0.33	0.33	3340	3340
glue	plastics	epoxy resin	-	0.490	0.09		910	
	noble metal	silver	7440-22-4	2.311	0.43	0.52	4290	5200
*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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