



## Material Content Data Sheet



<b>Sales Product Name</b>		TLE9255WSK		<b>Issued</b>		20. July 2018		
<b>MA#</b>		MA001712022						
<b>Package</b>		PG-DSO-14-63		<b>Weight*</b>		142.81 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	1.527	1.07	1.07	10689	10689
leadframe	inorganic material	phosphorus	7723-14-0	0.016	0.01		109	
	non noble metal	zinc	7440-66-6	0.062	0.04		435	
	non noble metal	iron	7439-89-6	1.243	0.87		8705	
wire	non noble metal	copper	7440-50-8	50.479	35.35	36.27	353474	362723
	noble metal	gold	7440-57-5	0.000	0.00		1	
	noble metal	palladium	7440-05-3	0.002	0.00		14	
encapsulation	non noble metal	copper	7440-50-8	0.091	0.06	0.06	641	656
	organic material	carbon black	1333-86-4	0.256	0.18		1791	
	plastics	epoxy resin	-	9.976	6.99		69855	
leadfinish	inorganic material	silicondioxide	60676-86-0	75.033	52.55	59.72	525406	597052
	noble metal	palladium	7440-05-3	0.020	0.01		143	
	noble metal	gold	7440-57-5	0.033	0.02		230	
plating	non noble metal	nickel	7440-02-0	0.719	0.50	0.53	5037	5410
	noble metal	palladium	7440-05-3	0.068	0.05		476	
	noble metal	gold	7440-57-5	0.109	0.08		765	
glue	non noble metal	nickel	7440-02-0	2.392	1.67	1.80	16749	17990
	plastics	epoxy resin	-	0.196	0.14		1370	
	noble metal	silver	7440-22-4	0.587	0.41	0.55	4110	5480
*deviation	< 10%				Sum in total:		100.00	1000000

### Important Remarks:

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