



## Material Content Data Sheet



<b>Sales Product Name</b>				TLE4984C-HT E6747		<b>Issued</b>		4. July 2019	
<b>MA#</b>				MA000434842					
<b>Package</b>				PG-SSO-3-9		<b>Weight*</b>		157.60 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	2.571	1.63	1.63	16312	16312	
leadframe	non noble metal	chromium	7440-47-3	0.238	0.15		1510		
	non noble metal	titanium	7440-32-6	0.238	0.15		1510		
	non noble metal	nickel	7440-02-0	0.317	0.20		2013		
	non noble metal	tin	7440-31-5	0.476	0.30		3020		
	non noble metal	copper	7440-50-8	78.056	49.53	50.33	495274	503327	
wire	noble metal	gold	7440-57-5	0.045	0.03	0.03	285	285	
encapsulation	organic material	carbon black	1333-86-4	0.424	0.27		2690		
	plastics	brominated resin	-	0.530	0.34		3363		
	inorganic material	antimonytrioxide	1309-64-4	1.060	0.67		6726		
	plastics	epoxy resin	-	9.647	6.12		61208		
	inorganic material	silicondioxide	60676-86-0	41.342	26.23	33.63	262320	336307	
leadfinish	non noble metal	tin	7440-31-5	5.565	3.53	3.53	35311	35311	
plating	noble metal	silver	7440-22-4	1.003	0.64	0.64	6362	6362	
glue	plastics	epoxy resin	-	0.158	0.10		1000		
	noble metal	silver	7440-22-4	0.630	0.40	0.50	3999	4999	
smd	plastics	epoxy resin	-	0.004	0.00		25		
	non noble metal	copper	7440-50-8	0.085	0.05		542		
	noble metal	palladium	7440-05-3	0.095	0.06		602		
	inorganic material	yttriumoxide	1314-36-9	0.238	0.15		1508		
	non noble metal	nickel	7440-02-0	0.266	0.17		1685		
	inorganic material	ytterbiumoxide	1314-37-0	0.489	0.31		3104		
	noble metal	silver	7440-22-4	1.664	1.06		10558		
	inorganic material	bariumtitanate	12047-27-7	12.462	7.91	9.71	79073	97097	
*deviation	< 10%		Sum in total:			100.00		1000000	

### Important Remarks:

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