



## Material Content Data Sheet



<b>Sales Product Name</b>		TLE5025C E6747		<b>Issued</b>		20. July 2018		
<b>MA#</b>		MA000783568						
<b>Package</b>		PG-SSO-3-92		<b>Weight*</b>		159.89 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	2.696	1.69	1.69	16862	16862
leadframe	non noble metal	chromium	7440-47-3	0.240	0.15		1499	
	non noble metal	titanium	7440-32-6	0.240	0.15		1499	
	non noble metal	nickel	7440-02-0	0.320	0.20		1999	
	non noble metal	tin	7440-31-5	0.479	0.30		2999	
	non noble metal	copper	7440-50-8	78.632	49.17	49.97	491784	499780
wire	noble metal	gold	7440-57-5	0.072	0.05	0.05	452	452
encapsulation	organic material	carbon black	1333-86-4	0.423	0.26		2644	
	plastics	brominated resin	-	0.529	0.33		3305	
	inorganic material	antimonytrioxide	1309-64-4	1.057	0.66		6611	
	plastics	epoxy resin	-	9.619	6.02		60158	
	inorganic material	silicondioxide	60676-86-0	41.224	25.78	33.05	257822	330540
leadfinish	non noble metal	tin	7440-31-5	5.565	3.48	3.48	34805	34805
plating	noble metal	silver	7440-22-4	0.442	0.28	0.28	2765	2765
glue	plastics	epoxy resin	-	0.163	0.10		1017	
	noble metal	silver	7440-22-4	0.650	0.41	0.51	4066	5083
smd	plastics	epoxy resin	-	0.008	0.00		49	
	noble metal	palladium	7440-05-3	0.466	0.29		2916	
	noble metal	silver	7440-22-4	0.565	0.35		3535	
	non noble metal	copper	7440-50-8	1.210	0.76		7568	
	non noble metal	nickel	7440-02-0	1.513	0.95		9460	
	inorganic material	bariumtitanate	12047-27-7	13.780	8.62	10.97	86185	109713
*deviation	< 10%		Sum in total:			100.00		1000000

### Important Remarks:

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