



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	TLE4999I3	<b>Issued</b>	10. June 2021
<b>MA#</b>	MA002805516		
<b>Package</b>	PG-SSO-3-12	<b>Weight*</b>	141.83 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	1.043	0.74	0.74	7354	7354
leadframe	inorganic material	silicon	7440-21-3	0.020	0.01		139	
	non noble metal	titanium	7440-32-6	0.099	0.07		697	
	non noble metal	chromium	7440-47-3	0.297	0.21		2092	
	non noble metal	copper	7440-50-8	98.494	69.44	69.73	694449	697377
wire	noble metal	gold	7440-57-5	0.041	0.03	0.03	290	290
encapsulation	organic material	carbon black	1333-86-4	0.350	0.25		2469	
	plastics	epoxy resin	-	4.727	3.33		33328	
	inorganic material	silicondioxide	60676-86-0	29.937	21.11	24.69	211075	246872
leadfinish	non noble metal	tin	7440-31-5	5.779	4.07	4.07	40749	40749
plating	noble metal	silver	7440-22-4	0.604	0.43	0.43	4256	4256
glue	plastics	epoxy resin	-	0.088	0.06		620	
	noble metal	silver	7440-22-4	0.352	0.25	0.31	2482	3102
*deviation	< 10%	Sum in total:				100.00		1000000

### Important Remarks:

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