

Material Content Data Sheet

RoHS

Sales Product Name	TLE4941C	**Issued**	27. April 2022
MA#	MA005730470		
Package	PG-SSO-2-4	**Weight***	169.18 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	2.278	1.35	1.35	13465	13465
leadframe	non noble metal	chromium	7440-47-3	0.288	0.17		1702	
	non noble metal	titanium	7440-32-6	0.288	0.17		1702	
	non noble metal	nickel	7440-02-0	0.384	0.23		2269	
	non noble metal	tin	7440-31-5	0.576	0.34		3404	
	non noble metal	copper	7440-50-8	94.449	55.83	56.74	558267	567344
wire	noble metal	gold	7440-57-5	0.042	0.02	0.02	249	249
encapsulation	organic material	carbon black	1333-86-4	0.460	0.27		2722	
	plastics	brominated resin	-	0.576	0.34		3402	
	inorganic material	antimonytrioxide	1309-64-4	1.151	0.68		6805	
	plastics	epoxy resin	-	10.476	6.19		61921	
	inorganic material	silicondioxide	60676-86-0	44.897	26.54	34.02	265376	340226
leadfinish	non noble metal	tin	7440-31-5	6.247	3.69	3.69	36924	36924
plating	noble metal	silver	7440-22-4	0.986	0.58	0.58	5826	5826
glue	plastics	epoxy resin	-	0.149	0.09		879	
	noble metal	silver	7440-22-4	0.595	0.35	0.44	3516	4395
smd	noble metal	palladium	7440-05-3	0.040	0.02		237	
	inorganic material	titandioxide	13463-67-7	0.099	0.06		587	
	inorganic material	bismuth trioxide	1304-76-3	0.387	0.23		2289	
	noble metal	silver	7440-22-4	0.439	0.26		2595	
	inorganic material	bariumtitanate	12047-27-7	4.375	2.59	3.16	25863	31571
*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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