

Material Content Data Sheet

RoHS

Sales Product Name	TLE4961-1L	**Issued**	30. March 2021
MA#	MA000987416		
Package	PG-SSO-3-2	**Weight***	83.32 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	0.350	0.42	0.42	4195	4195
leadframe	non noble metal	chromium	7440-47-3	0.153	0.18		1837	
	non noble metal	titanium	7440-32-6	0.153	0.18		1837	
	non noble metal	nickel	7440-02-0	0.204	0.24		2449	
	non noble metal	tin	7440-31-5	0.306	0.37		3674	
	non noble metal	copper	7440-50-8	50.200	60.25	61.22	602479	612276
wire	noble metal	gold	7440-57-5	0.030	0.04	0.04	355	355
encapsulation	organic material	carbon black	1333-86-4	0.213	0.26		2552	
	plastics	brominated resin	-	0.266	0.32		3189	
	inorganic material	antimonytrioxide	1309-64-4	0.531	0.64		6379	
	plastics	epoxy resin	-	4.837	5.80		58047	
	inorganic material	silicondioxide	60676-86-0	20.728	24.88	31.90	248773	318940
leadfinish	non noble metal	tin	7440-31-5	4.889	5.87	5.87	58677	58677
plating	noble metal	silver	7440-22-4	0.284	0.34	0.34	3413	3413
glue	plastics	epoxy resin	-	0.036	0.04		429	
	noble metal	silver	7440-22-4	0.143	0.17	0.21	1715	2144
*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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