

Material Content Data Sheet

RoHS

Sales Product Name	TLE4921-5U	**Issued**	04. April 2021
MA#	MA001683968		
Package	PG-SSO-4-1	**Weight***	112.58 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	1.694	1.50	1.50	15045	15045
leadframe	non noble metal	chromium	7440-47-3	0.229	0.20		2032	
	non noble metal	titanium	7440-32-6	0.229	0.20		2032	
	non noble metal	nickel	7440-02-0	0.305	0.27		2710	
	non noble metal	tin	7440-31-5	0.458	0.41		4065	
	non noble metal	copper	7440-50-8	75.040	66.67	67.75	666585	677424
wire	noble metal	gold	7440-57-5	0.073	0.06	0.06	650	650
encapsulation	organic material	carbon black	1333-86-4	0.210	0.19		1863	
	plastics	brominated resin	-	0.262	0.23		2329	
	inorganic material	antimonytrioxide	1309-64-4	0.524	0.47		4658	
	plastics	epoxy resin	-	4.772	4.24		42390	
	inorganic material	silicondioxide	60676-86-0	20.451	18.17	23.30	181670	232910
leadfinish	non noble metal	tin	7440-31-5	7.027	6.24	6.24	62423	62423
plating	noble metal	silver	7440-22-4	0.655	0.58	0.58	5817	5817
glue	plastics	epoxy resin	-	0.129	0.11		1146	
	noble metal	silver	7440-22-4	0.516	0.46	0.57	4585	5731
*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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