



Material Content Data Sheet



Sales Product Name		TLE4946-2L		Issued		24. January 2018		
MA#		MA000430448						
Package		PG-SSO-3-2		Weight*		83.43 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	0.563	0.67	0.67	6745	6745
leadframe	non noble metal	chromium	7440-47-3	0.153	0.18		1834	
	non noble metal	titanium	7440-32-6	0.153	0.18		1834	
	non noble metal	nickel	7440-02-0	0.204	0.24		2446	
	non noble metal	tin	7440-31-5	0.306	0.37		3669	
	non noble metal	copper	7440-50-8	50.200	60.18	61.15	601698	611481
wire	noble metal	gold	7440-57-5	0.039	0.05	0.05	467	467
encapsulation	organic material	carbon black	1333-86-4	0.211	0.25		2525	
	plastics	brominated resin	-	0.263	0.32		3156	
	inorganic material	antimonytrioxide	1309-64-4	0.527	0.63		6312	
	plastics	epoxy resin	-	4.792	5.74		57440	
	inorganic material	silicondioxide	60676-86-0	20.538	24.62	31.56	246171	315604
leadfinish	non noble metal	tin	7440-31-5	4.889	5.86	5.86	58601	58601
plating	noble metal	silver	7440-22-4	0.284	0.34	0.34	3408	3408
glue	plastics	epoxy resin	-	0.062	0.07		739	
	noble metal	silver	7440-22-4	0.247	0.30	0.37	2955	3694
*deviation	< 10%				Sum in total:		100.00	1000000

Important Remarks:

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3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

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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