



Material Content Data Sheet



Sales Product Name		TLI4946-2L		Issued		28. August 2013		
MA#		MA000601512						
Package		PG-SSO-3-2		Weight*		83.40 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	6747	6747
leadframe	non noble metal	chromium	7440-47-3	0.153	0.18		1835	
	non noble metal	titanium	7440-32-6	0.153	0.18		1835	
	noble metal	silver	7440-22-4	0.204	0.24		2447	
	non noble metal	tin	7440-31-5	0.306	0.37		3670	
	non noble metal	copper	7440-50-8	50.200	60.21	61.18	601929	611716
wire	noble metal	gold	7440-57-5	0.039	0.05	0.05	465	465
encapsulation	organic material	carbon black	1333-86-4	0.211	0.25		2529	
	plastics	brominated resin	-	0.264	0.32		3162	
	inorganic material	antimonytrioxide	1309-64-4	0.527	0.63		6323	
	plastics	epoxy resin	-	4.799	5.75		57544	
	inorganic material	silicondioxide	60676-86-0	20.567	24.66	31.61	246616	316174
leadfinish	non noble metal	tin	7440-31-5	4.889	5.86	5.86	58624	58624
plating	noble metal	silver	7440-22-4	0.284	0.34	0.34	3410	3410
glue	plastics	epoxy resin	-	0.048	0.06		573	
	noble metal	silver	7440-22-4	0.191	0.23	0.29	2291	2864
*deviation	< 10%					Sum in total:	100,00	1000000

Important Remarks:

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