



Material Content Data Sheet



Sales Product Name		TLI4946K		Issued		28. August 2013		
MA#		MA000602118						
Package		PG-SC59-3-4		Weight*		13.86 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	4.06	4.06	40593	40593
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		76	
	non noble metal	titanium	7440-32-6	0.005	0.04		378	
	non noble metal	chromium	7440-47-3	0.016	0.11		1135	
	non noble metal	copper	7440-50-8	5.224	37.69	37.85	376880	378469
wire	noble metal	gold	7440-57-5	0.019	0.14	0.14	1378	1378
encapsulation	organic material	carbon black	1333-86-4	0.057	0.41		4116	
	plastics	brominated resin	-	0.071	0.51		5144	
	inorganic material	antimonytrioxide	1309-64-4	0.143	1.03		10289	
	plastics	epoxy resin	-	1.298	9.36		93629	
	inorganic material	silicondioxide	60676-86-0	5.562	40.14	51.45	401267	514445
leadfinish	non noble metal	tin	7440-31-5	0.258	1.86	1.86	18620	18620
plating	noble metal	silver	7440-22-4	0.363	2.62	2.62	26215	26215
glue	plastics	epoxy resin	-	0.049	0.35		3549	
	noble metal	silver	7440-22-4	0.232	1.67	2.02	16731	20280
*deviation	< 10%					Sum in total:	100.00	1000000

Important Remarks:

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