



Material Content Data Sheet



Sales Product Name	TLD7305EK			Issued		28. August 2013		
MA#	MA000969178							
Package	PG-DSO-14-43			Weight*		149.68 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	4.255	2.84	2.84	28425	28425
leadframe	inorganic material	phosphorus	7723-14-0	0.017	0.01		116	
	non noble metal	zinc	7440-66-6	0.070	0.05		465	
	non noble metal	iron	7439-89-6	1.392	0.93		9298	
	non noble metal	copper	7440-50-8	56.512	37.76	38.75	377555	387434
wire	non noble metal	copper	7440-50-8	0.501	0.33	0.33	3347	3347
encapsulation	organic material	carbon black	1333-86-4	0.166	0.11		1110	
	plastics	epoxy resin	-	7.645	5.11		51076	
	inorganic material	silicondioxide	60676-86-0	75.286	50.29	55.51	502983	555169
leadfinish	non noble metal	tin	7440-31-5	1.226	0.82	0.82	8192	8192
plating	noble metal	silver	7440-22-4	1.417	0.95	0.95	9470	9470
glue	plastics	epoxy resin	-	0.298	0.20		1991	
	noble metal	silver	7440-22-4	0.894	0.60	0.80	5972	7963
*deviation	< 10%	Sum in total:			100,00		1000000	

Important Remarks:

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