

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE4276-2DV	**Issued**	29. August 2013
MA#	MA000723212		
Package	PG-TO252-5-11	**Weight***	366.05 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	3.304	0.90	0.90	9025	9025
leadframe	non noble metal	iron	7439-89-6	0.205	0.06		559	
	inorganic material	phosphorus	7723-14-0	0.061	0.02		168	
	non noble metal	copper	7440-50-8	204.243	55.79	55.87	557967	558694
wire	non noble metal	aluminium	7429-90-5	0.168	0.05	0.05	460	460
encapsulation	organic material	carbon black	1333-86-4	0.296	0.08		809	
	plastics	epoxy resin	-	13.620	3.72		37207	
	inorganic material	silicondioxide	60676-86-0	134.124	36.64	40.44	366413	404429
leadfinish	non noble metal	tin	7440-31-5	5.072	1.39	1.39	13857	13857
plating	non noble metal	nickel	7440-02-0	0.076	0.02		208	
	inorganic material	phosphorus	7723-14-0	0.000	0.00	0.02	1	209
solder	noble metal	silver	7440-22-4	0.122	0.03		333	
	non noble metal	tin	7440-31-5	0.098	0.03		267	
	non noble metal	lead	7439-92-1	4.658	1.27	1.33	12726	13326
*deviation	< 10%				Sum in total:	100,00		1000000

Important Remarks:

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