

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE4279GM	**Issued**	8. September 2019
MA#	MA001722456		
Package	PG-DSO-14-61	**Weight***	142.29 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	1.656	1.16	1.16	11639	11639
leadframe	inorganic material	phosphorus	7723-14-0	0.015	0.01		108	
	non noble metal	zinc	7440-66-6	0.061	0.04		432	
	non noble metal	iron	7439-89-6	1.229	0.86		8636	
	non noble metal	copper	7440-50-8	49.897	35.07	35.98	350667	359843
wires	noble metal	palladium	7440-05-3	0.001	0.00		10	
	non noble metal	copper	7440-50-8	0.137	0.10	0.10	965	975
encapsulation	organic material	carbon black	1333-86-4	0.256	0.18		1800	
	plastics	epoxy resin	-	9.988	7.02		70191	
	inorganic material	silicondioxide	60676-86-0	75.120	52.80	60.00	527936	599927
leadfinish	noble metal	palladium	7440-05-3	0.020	0.01		144	
	noble metal	gold	7440-57-5	0.033	0.02		231	
	non noble metal	nickel	7440-02-0	0.719	0.51	0.54	5055	5430
plating	noble metal	palladium	7440-05-3	0.066	0.05		467	
	noble metal	gold	7440-57-5	0.107	0.08		750	
	non noble metal	nickel	7440-02-0	2.338	1.64	1.77	16430	17647
glue	plastics	epoxy resin	-	0.161	0.11		1135	
	noble metal	silver	7440-22-4	0.484	0.34	0.45	3404	4539
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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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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