



Material Content Data Sheet



Halogen-Free

Sales Product Name	TLE4267GM	Issued	25. June 2021
MA#	MA005565037		
Package	PG-DSO-14-61	Weight*	142.51 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	2.599	1.82	1.82	18239	18239
leadframe	inorganic material	phosphorus	7723-14-0	0.015	0.01		108	
	non noble metal	zinc	7440-66-6	0.061	0.04		431	
	non noble metal	iron	7439-89-6	1.229	0.86		8623	
	non noble metal	copper	7440-50-8	49.897	35.01	35.92	350140	359302
wires	noble metal	palladium	7440-05-3	0.001			8	
	non noble metal	copper	7440-50-8	0.110	0.08	0.08	769	777
encapsulation	organic material	carbon black	1333-86-4	0.253	0.18		1778	
	plastics	epoxy resin	-	9.880	6.93		69333	
	inorganic material	silicondioxide	60676-86-0	74.314	52.18	59.29	521481	592592
leadfinish	noble metal	palladium	7440-05-3	0.020	0.01		143	
	noble metal	gold	7440-57-5	0.033	0.02		231	
	non noble metal	nickel	7440-02-0	0.719	0.50	0.53	5048	5422
plating	noble metal	palladium	7440-05-3	0.066	0.05		466	
	noble metal	gold	7440-57-5	0.107	0.07		749	
	non noble metal	nickel	7440-02-0	2.338	1.64	1.76	16406	17621
glue	plastics	epoxy resin	-	0.215	0.15		1512	
	noble metal	silver	7440-22-4	0.646	0.45	0.60	4535	6047
*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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