

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE4279G	**Issued**	24. January 2018
MA#	MA001722454		
Package	PG-DSO-8-62	**Weight***	81.40 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	2.03	2.03	20347	20347
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		106	
	non noble metal	zinc	7440-66-6	0.035	0.04		425	
	non noble metal	iron	7439-89-6	0.692	0.85		8508	
	non noble metal	copper	7440-50-8	28.118	34.54	35.44	345440	354479
wire	noble metal	palladium	7440-05-3	0.001	0.00		11	
	non noble metal	copper	7440-50-8	0.092	0.11	0.11	1133	1144
encapsulation	organic material	carbon black	1333-86-4	0.145	0.18		1779	
	plastics	epoxy resin	-	5.649	6.94		69398	
	inorganic material	silicondioxide	60676-86-0	42.487	52.20	59.32	521971	593148
leadfinish	noble metal	palladium	7440-05-3	0.014	0.02		167	
	noble metal	gold	7440-57-5	0.022	0.03		268	
	non noble metal	nickel	7440-02-0	0.477	0.59	0.64	5866	6301
plating	noble metal	palladium	7440-05-3	0.036	0.04		440	
	noble metal	gold	7440-57-5	0.058	0.07		708	
	non noble metal	nickel	7440-02-0	1.261	1.55	1.66	15498	16646
glue	plastics	epoxy resin	-	0.161	0.20		1984	
	noble metal	silver	7440-22-4	0.484	0.60	0.80	5951	7935
*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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