

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE6251-2G	**Issued**	25. November 2019
MA#	MA005260102		
Package	PG-DSO-14-62	**Weight***	144.00 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	5.050	3.51	3.51	35068	35068
leadframe	inorganic material	phosphorus	7723-14-0	0.016	0.01		108	
	non noble metal	zinc	7440-66-6	0.062	0.04		432	
	non noble metal	iron	7439-89-6	1.243	0.86		8633	
	non noble metal	copper	7440-50-8	50.479	35.05	35.96	350543	359716
wires	noble metal	palladium	7440-05-3	0.002	0.00		11	
	non noble metal	copper	7440-50-8	0.158	0.11	0.11	1100	1111
encapsulation	organic material	carbon black	1333-86-4	0.245	0.17		1698	
	plastics	epoxy resin	-	9.537	6.62		66226	
	inorganic material	silicondioxide	60676-86-0	71.729	49.82	56.61	498106	566030
leadfinish	noble metal	palladium	7440-05-3	0.020	0.01		142	
	noble metal	gold	7440-57-5	0.033	0.02		228	
	non noble metal	nickel	7440-02-0	0.719	0.50	0.53	4995	5365
plating	noble metal	palladium	7440-05-3	0.068	0.05		472	
	noble metal	gold	7440-57-5	0.109	0.08		759	
	non noble metal	nickel	7440-02-0	2.392	1.66	1.79	16610	17841
glue	plastics	epoxy resin	-	0.535	0.37		3717	
	noble metal	silver	7440-22-4	1.606	1.12	1.49	11152	14869
*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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