

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE4470G	**Issued**	14. September 2018
MA#	MA003558874		
Package	PG-DSO-20-66	**Weight***	486.60 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	4.953	1.02	1.02	10178	10178
leadframe	inorganic material	phosphorus	7723-14-0	0.039	0.01		80	
	non noble metal	zinc	7440-66-6	0.155	0.03		319	
	non noble metal	iron	7439-89-6	3.104	0.64		6379	
	non noble metal	copper	7440-50-8	126.041	25.90	26.58	259023	265801
wire	non noble metal	copper	7440-50-8	0.203	0.04	0.04	418	418
encapsulation	organic material	carbon black	1333-86-4	0.691	0.14		1421	
	plastics	epoxy resin	-	31.798	6.53		65347	
	inorganic material	silicondioxide	60676-86-0	313.140	64.36	71.03	643521	710289
leadfinish	non noble metal	tin	7440-31-5	2.746	0.56	0.56	5643	5643
plating	noble metal	silver	7440-22-4	1.621	0.33	0.33	3332	3332
glue	plastics	epoxy resin	-	0.528	0.11		1085	
	noble metal	silver	7440-22-4	1.583	0.33	0.44	3254	4339
*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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