

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE6389-3G V50	**Issued**	07. February 2022
MA#	MA001682314		
Package	PG-DSO-14-62	**Weight***	144.40 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	6.620	4.58	4.58	45846	45846
leadframe	inorganic material	phosphorus	7723-14-0	0.016	0.01		108	
	non noble metal	zinc	7440-66-6	0.062	0.04		430	
	non noble metal	iron	7439-89-6	1.243	0.86		8609	
	non noble metal	copper	7440-50-8	50.479	34.96	35.87	349575	358722
wires	noble metal	palladium	7440-05-3	0.002			11	
	non noble metal	copper	7440-50-8	0.157	0.11	0.11	1085	1096
encapsulation	organic material	carbon black	1333-86-4	0.240	0.17		1661	
	plastics	epoxy resin	-	9.356	6.48		64790	
	inorganic material	silicondioxide	60676-86-0	70.369	48.73	55.38	487311	553762
leadfinish	noble metal	palladium	7440-05-3	0.020	0.01		142	
	noble metal	gold	7440-57-5	0.033	0.02		227	
	non noble metal	nickel	7440-02-0	0.719	0.50	0.53	4981	5350
plating	noble metal	palladium	7440-05-3	0.068	0.05		471	
	noble metal	gold	7440-57-5	0.109	0.08		756	
	non noble metal	nickel	7440-02-0	2.392	1.66	1.79	16564	17791
glue	inorganic material	copperoxide	1317-38-0	0.063	0.04		436	
	miscellaneous	miscellaneous	-	0.076	0.05		523	
	plastics	epoxy resin	-	0.441	0.31		3051	
	noble metal	silver	7440-22-4	1.938	1.34	1.74	13423	17433
*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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