



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	TLS205B0LD V50	<b>Issued</b>	18. August 2021
<b>MA#</b>	MA005423565		
<b>Package</b>	PG-TSON-10-2	<b>Weight*</b>	31.79 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	1.268	3.99	3.99	39886	39886
leadframe	inorganic material	phosphorus	7723-14-0	0.003	0.01		104	
	non noble metal	zinc	7440-66-6	0.013	0.04		417	
	non noble metal	iron	7439-89-6	0.265	0.83		8345	
	non noble metal	copper	7440-50-8	10.773	33.88	34.76	338850	347716
wire	non noble metal	copper	7440-50-8	0.039	0.12	0.12	1241	1241
encapsulation	organic material	carbon black	1333-86-4	0.037	0.12		1164	
	plastics	epoxy resin	-	1.906	6.00		59959	
	inorganic material	silicondioxide	60676-86-0	16.564	52.12	58.24	521005	582128
leadfinish	non noble metal	tin	7440-31-5	0.370	1.16	1.16	11641	11641
plating	noble metal	silver	7440-22-4	0.064	0.20	0.20	2021	2021
glue	plastics	epoxy resin	-	0.122	0.38		3842	
	noble metal	silver	7440-22-4	0.366	1.15	1.53	11525	15367
*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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