



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	TLE94106ES	<b>Issued</b>	12. August 2021
<b>MA#</b>	MA005596302		
<b>Package</b>	PG-TSDSO-24-21	<b>Weight*</b>	111.70 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	2.389	2.14	2.14	21388	21388
leadframe	inorganic material	phosphorus	7723-14-0	0.016	0.01		142	
	non noble metal	zinc	7440-66-6	0.063	0.06		567	
	non noble metal	iron	7439-89-6	1.266	1.13		11331	
	non noble metal	copper	7440-50-8	51.392	46.01	47.21	460078	472118
wire	non noble metal	copper	7440-50-8	0.661	0.59	0.59	5918	5918
encapsulation	organic material	carbon black	1333-86-4	0.153	0.14		1367	
	plastics	epoxy resin	-	5.953	5.33		53296	
	inorganic material	silicondioxide	60676-86-0	44.777	40.09	45.56	400861	455524
leadfinish	non noble metal	tin	7440-31-5	2.820	2.52	2.52	25246	25246
plating	noble metal	silver	7440-22-4	1.279	1.14	1.14	11450	11450
glue	plastics	epoxy resin	-	0.163	0.15		1462	
	noble metal	silver	7440-22-4	0.770	0.69	0.84	6894	8356
*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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