



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	TLE75080-ESH	<b>Issued</b>	25. June 2021
<b>MA#</b>	MA005557067		
<b>Package</b>	PG-TSDSO-24-51	<b>Weight*</b>	111.88 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	2.618	2.34	2.34	23397	23397
leadframe	inorganic material	phosphorus	7723-14-0	0.014	0.01		128	
	non noble metal	zinc	7440-66-6	0.057	0.05		514	
	non noble metal	iron	7439-89-6	1.150	1.03		10279	
	non noble metal	copper	7440-50-8	46.694	41.75	42.84	417361	428282
wire	non noble metal	copper	7440-50-8	0.760	0.68	0.68	6793	6793
encapsulation	organic material	carbon black	1333-86-4	0.155	0.14		1388	
	plastics	epoxy resin	-	6.057	5.41		54142	
	inorganic material	silicondioxide	60676-86-0	45.560	40.72	46.27	407222	462752
leadfinish	non noble metal	tin	7440-31-5	2.672	2.39	2.39	23882	23882
plating	noble metal	silver	7440-22-4	1.381	1.23	1.23	12341	12341
glue	plastics	epoxy resin	-	0.152	0.14		1358	
	noble metal	silver	7440-22-4	0.716	0.64	0.78	6403	7761
heatspreader	inorganic material	phosphorus	7723-14-0	0.001			10	
	non noble metal	zinc	7440-66-6	0.005			42	
	non noble metal	iron	7439-89-6	0.093	0.08		835	
	non noble metal	copper	7440-50-8	3.793	3.39	3.47	33905	34792
*deviation	< 10%	Sum in total:				100.00		1000000

### Important Remarks:

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