



Material Content Data Sheet



Halogen-Free

Sales Product Name	TLE75242-ESH	Issued	27. April 2022
MA#	MA005739314		
Package	PG-TSDSO-24-51	Weight*	111.92 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	23389	23389
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		10275	
	non noble metal	copper	7440-50-8	46.694	41.72	42.81	417212	428129
wire	non noble metal	copper	7440-50-8	0.812	0.73	0.73	7251	7251
encapsulation	organic material	carbon black	1333-86-4	0.155	0.14		1387	
	plastics	epoxy resin	-	6.056	5.41		54110	
	inorganic material	silicondioxide	60676-86-0	45.550	40.70	46.25	406985	462482
leadfinish	non noble metal	tin	7440-31-5	2.672	2.39	2.39	23874	23874
plating	noble metal	silver	7440-22-4	1.381	1.23	1.23	12336	12336
glue	plastics	epoxy resin	-	0.152	0.14		1358	
	noble metal	silver	7440-22-4	0.716	0.64	0.78	6401	7759
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	33893	34780
*deviation	< 10%	Sum in total:				100.00		1000000

Important Remarks:

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3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

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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