

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE75080-ESH	**Issued**	27. April 2022
MA#	MA005739317		
Package	PG-TSDSO-24-51	**Weight***	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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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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