



Material Content Data Sheet



Halogen-Free

Sales Product Name	ESD206-B1-02ELS E6327	Issued	24. February 2022
MA#	MA005700338		
Package	PG-TSSLP-2-3	Weight*	0.21 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	non noble metal	tin	7440-31-5	0.000	0.17		1668	
	noble metal	gold	7440-57-5	0.001	0.65		6462	
	inorganic material	silicon	7440-21-3	0.011	5.24	6.06	52411	60541
leadframe	non noble metal	nickel	7440-02-0	0.108	51.66	51.66	516653	516653
wire	non noble metal	copper	7440-50-8	0.002	0.72	0.72	7175	7175
encapsulation	organic material	carbon black	1333-86-4	0.000	0.19		1859	
	inorganic material	zink oxide	1314-13-2	0.001	0.37		3724	
	miscellaneous	miscellaneous	-	0.001	0.56		5583	
	plastics	epoxy resin	-	0.009	4.09		40945	
	inorganic material	silicondioxide	60676-86-0	0.067	32.01	37.22	320119	372230
leadfinish	noble metal	gold	7440-57-5	0.004	1.76	1.76	17628	17628
plating	noble metal	palladium	7440-05-3	0.001	0.61		6113	
	noble metal	gold	7440-57-5	0.004	1.97	2.58	19660	25773
*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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