



Material Content Data Sheet



Halogen-Free

Sales Product Name	ESD203-B1-02EL E6327	Issued	17. February 2022
MA#	MA005698699		
Package	PG-TSLP-2-20	Weight*	0.61 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	non noble metal	tin	7440-31-5	0.000	0.06		570	
	noble metal	gold	7440-57-5	0.001	0.22		2207	
	inorganic material	silicon	7440-21-3	0.011	1.79	2.07	17897	20674
chip_2	non noble metal	tin	7440-31-5	0.000	0.06		570	
	noble metal	gold	7440-57-5	0.001	0.22		2207	
	inorganic material	silicon	7440-21-3	0.011	1.79	2.07	17897	20674
leadframe	non noble metal	nickel	7440-02-0	0.241	39.27	39.27	392651	392651
wire	noble metal	gold	7440-57-5	0.005	0.83	0.83	8288	8288
encapsulation	organic material	carbon black	1333-86-4	0.002	0.26		2592	
	inorganic material	zink oxide	1314-13-2	0.003	0.52		5184	
	miscellaneous	miscellaneous	-	0.005	0.78		7776	
	plastics	epoxy resin	-	0.035	5.70		57026	
	inorganic material	silicondioxide	60676-86-0	0.273	44.57	51.83	445843	518421
leadfinish	noble metal	gold	7440-57-5	0.010	1.70	1.70	17002	17002
plating	noble metal	palladium	7440-05-3	0.003	0.53		5288	
	noble metal	gold	7440-57-5	0.010	1.70	2.23	17002	22290
*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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