



## Material Content Data Sheet



Halogen-Free

**Sales Product Name** ESD105-B1-02EL E6327

**Issued**

24. February 2022

**MA#** MA005702102

**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		569	
	noble metal	gold	7440-57-5	0.001	0.22		2205	
	inorganic material	silicon	7440-21-3	0.011	1.79	2.07	17882	20656
chip_2	non noble metal	tin	7440-31-5	0.000	0.06		569	
	noble metal	gold	7440-57-5	0.001	0.22		2205	
	inorganic material	silicon	7440-21-3	0.011	1.79	2.07	17882	20656
leadframe	non noble metal	nickel	7440-02-0	0.241	39.23	39.23	392338	392338
wire	noble metal	gold	7440-57-5	0.006	0.92	0.92	9170	9170
encapsulation	organic material	carbon black	1333-86-4	0.002	0.26		2590	
	inorganic material	zink oxide	1314-13-2	0.003	0.52		5180	
	miscellaneous	miscellaneous	-	0.005	0.78		7769	
	plastics	epoxy resin	-	0.035	5.70		56971	
	inorganic material	silicondioxide	60676-86-0	0.273	44.52	51.78	445408	517918
leadfinish	noble metal	gold	7440-57-5	0.010	1.70	1.70	16989	16989
plating	noble metal	palladium	7440-05-3	0.003	0.53		5284	
	noble metal	gold	7440-57-5	0.010	1.70	2.23	16989	22273
*deviation	< 10%	Sum in total:				100.00		1000000

### Important Remarks:

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