



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	ESD218-B1-02ELS E6327	<b>Issued</b>	05. May 2021
<b>MA#</b>	MA001228148		
<b>Package</b>	PG-TSSLP-2-4	<b>Weight*</b>	0.22 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	0.16		1624	
	noble metal	gold	7440-57-5	0.001	0.63		6291	
	inorganic material	silicon	7440-21-3	0.017	7.68	8.47	76809	84724
chip_2	non noble metal	tin	7440-31-5	0.000	0.16		1624	
	noble metal	gold	7440-57-5	0.001	0.63		6291	
	inorganic material	silicon	7440-21-3	0.017	7.68	8.47	76809	84724
leadframe	non noble metal	nickel	7440-02-0	0.108	50.30	50.30	502981	502981
wire	noble metal	gold	7440-57-5	0.002	1.16	1.16	11578	11578
encapsulation	organic material	carbon black	1333-86-4	0.000	0.14		1368	
	inorganic material	zink oxide	1314-13-2	0.001	0.27		2736	
	miscellaneous	miscellaneous	-	0.001	0.41		4104	
	plastics	epoxy resin	-	0.006	3.01		30112	
	inorganic material	silicondioxide	60676-86-0	0.051	23.54	27.37	235420	273740
leadfinish	noble metal	gold	7440-57-5	0.004	1.72	1.72	17162	17162
plating	noble metal	palladium	7440-05-3	0.001	0.60		5952	
	noble metal	gold	7440-57-5	0.004	1.91	2.51	19139	25091
*deviation	< 10%	Sum in total:				100.00		1000000

### Important Remarks:

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