



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	ESD114-U1-02EL E6327	<b>Issued</b>	17. February 2022
<b>MA#</b>	MA005699305		
<b>Package</b>	PG-TSLP-2-19	<b>Weight*</b>	0.61 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	0.06		575	
	noble metal	gold	7440-57-5	0.001	0.22		2227	
	inorganic material	silicon	7440-21-3	0.011	1.81	2.09	18064	20866
leadframe	non noble metal	nickel	7440-02-0	0.241	39.63	39.63	396326	396326
wire	non noble metal	copper	7440-50-8	0.002	0.41	0.41	4084	4084
encapsulation	organic material	carbon black	1333-86-4	0.002	0.27		2695	
	inorganic material	zink oxide	1314-13-2	0.003	0.54		5390	
	miscellaneous	miscellaneous	-	0.005	0.81		8086	
	plastics	epoxy resin	-	0.036	5.93		59297	
	inorganic material	silicondioxide	60676-86-0	0.281	46.35	53.90	463596	539064
leadfinish	noble metal	gold	7440-57-5	0.010	1.72	1.72	17161	17161
plating	noble metal	palladium	7440-05-3	0.003	0.53		5338	
	noble metal	gold	7440-57-5	0.010	1.72	2.25	17161	22499
*deviation	< 10%				Sum in total:	100.00		1000000

### Important Remarks:

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