



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	BGB 707L7ESD E6327	<b>Issued</b>	24. June 2021
<b>MA#</b>	MA001792310		
<b>Package</b>	PG-TSLP-7-1	<b>Weight*</b>	1.59 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	0.002	0.11		1084	
	noble metal	gold	7440-57-5	0.007	0.42		4205	
	inorganic material	silicon	7440-21-3	0.059	3.70	4.23	37021	42310
leadframe	non noble metal	nickel	7440-02-0	0.329	20.72	20.72	207220	207220
wire	noble metal	gold	7440-57-5	0.046	2.88	2.88	28825	28825
encapsulation	organic material	carbon black	1333-86-4	0.011	0.68		6756	
	inorganic material	zinc oxide	1314-13-2	0.011	0.68		6756	
	miscellaneous	miscellaneous	-	0.032	2.03		20267	
	plastics	epoxy resin	-	0.129	8.11		81067	
	inorganic material	silicon dioxide	60676-86-0	0.890	56.07	67.57	560719	675565
lead finish	noble metal	palladium	7440-05-3	0.010	0.62		6202	
	noble metal	gold	7440-57-5	0.032	1.99	2.61	19939	26141
plating	noble metal	gold	7440-57-5	0.032	1.99	1.99	19939	19939
*deviation	< 10%				Sum in total:	100.00		1000000

### Important Remarks:

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