



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	BTG7090-2EPL	<b>Issued</b>	09. February 2022
<b>MA#</b>	MA005592548		
<b>Package</b>	PG-TSDSO-14-22	<b>Weight*</b>	64.62 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	0.578	0.89	0.89	8942	8942
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		146	
	non noble metal	zinc	7440-66-6	0.038	0.06		583	
	non noble metal	iron	7439-89-6	0.754	1.17		11669	
	non noble metal	copper	7440-50-8	30.617	47.39	48.63	473808	486206
wire	non noble metal	copper	7440-50-8	0.199	0.31	0.31	3084	3084
encapsulation	organic material	carbon black	1333-86-4	0.089	0.14		1380	
	plastics	epoxy resin	-	3.478	5.38		53822	
	inorganic material	silicondioxide	60676-86-0	26.159	40.48	46.00	404817	460019
leadfinish	non noble metal	tin	7440-31-5	1.642	2.54	2.54	25405	25405
plating	noble metal	silver	7440-22-4	0.816	1.26	1.26	12629	12629
glue	plastics	epoxy resin	-	0.042	0.06		650	
	noble metal	silver	7440-22-4	0.198	0.31	0.37	3065	3715
*deviation	< 10%				Sum in total:	100.00		1000000

### Important Remarks:

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