



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	BSO615N G	<b>Issued</b>	11. August 2021
<b>MA#</b>	MA005354080		
<b>Package</b>	PG-DSO-8-25	<b>Weight*</b>	83.60 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	inorganic material	silicon	7440-21-3	1.345	1.61	1.61	16089	16089
chip_2	inorganic material	silicon	7440-21-3	1.345	1.61	1.61	16089	16089
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		107	
	non noble metal	zinc	7440-66-6	0.036	0.04		429	
	non noble metal	iron	7439-89-6	0.717	0.86		8579	
	non noble metal	copper	7440-50-8	29.121	34.83	35.74	348338	357453
wire	noble metal	gold	7440-57-5	0.492	0.59	0.59	5889	5889
encapsulation	organic material	carbon black	1333-86-4	0.096	0.11		1148	
	plastics	epoxy resin	-	4.414	5.28		52796	
	inorganic material	silicondioxide	60676-86-0	43.466	52.00	57.39	519922	573866
leadfinish	non noble metal	tin	7440-31-5	0.814	0.97	0.97	9735	9735
plating	noble metal	silver	7440-22-4	0.650	0.78	0.78	7778	7778
glue	plastics	epoxy resin	-	0.192	0.23		2293	
	noble metal	silver	7440-22-4	0.904	1.08	1.31	10808	13101
*deviation	< 10%	Sum in total:				100.00		1000000

### Important Remarks:

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This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption.

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