



## Material Content Data Sheet



<b>Sales Product Name</b>		BSO615N G		<b>Issued</b>		27. September 2017		
<b>MA#</b>		MA000982564						
<b>Package</b>		PG-DSO-8-7		<b>Weight*</b>		81.47 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	2.690	3.30	3.30	33019	33019
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		114	
	non noble metal	zinc	7440-66-6	0.037	0.05		455	
	non noble metal	iron	7439-89-6	0.742	0.91		9103	
wire	non noble metal	copper	7440-50-8	30.114	36.96	37.93	369625	379297
	noble metal	gold	7440-57-5	0.478	0.59	0.59	5862	5862
	encapsulation	organic material	carbon black	1333-86-4	0.225	0.28		2759
encapsulation	inorganic material	antimonytrioxide	1309-64-4	0.899	1.10		11035	
	plastics	brominated resin	-	0.899	1.10		11035	
	plastics	epoxy resin	-	5.169	6.35		63451	
	inorganic material	silicondioxide	60676-86-0	37.759	46.34	55.17	463466	551746
leadfinish	non noble metal	tin	7440-31-5	0.814	1.00	1.00	9989	9989
plating	noble metal	silver	7440-22-4	0.541	0.66	0.66	6645	6645
glue	plastics	epoxy resin	-	0.192	0.24		2352	
	noble metal	silver	7440-22-4	0.904	1.11	1.35	11090	13442
*deviation	< 10%				Sum in total:		100.00	1000000

### Important Remarks:

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3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

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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