



## Material Content Data Sheet



<b>Sales Product Name</b>		BSO613SPV G		<b>Issued</b>		27. September 2017		
<b>MA#</b>		MA000982364						
<b>Package</b>		PG-DSO-8-6		<b>Weight*</b>		81.04 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	2.472	3.05	3.05	30500	30500
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		114	
	non noble metal	zinc	7440-66-6	0.037	0.05		458	
	non noble metal	iron	7439-89-6	0.742	0.92		9152	
wire	non noble metal	copper	7440-50-8	30.114	37.16	38.14	371609	381333
	noble metal	gold	7440-57-5	0.222	0.27	0.27	2743	2743
	encapsulation	organic material	carbon black	1333-86-4	0.227	0.28		2799
encapsulation	inorganic material	antimonytrioxide	1309-64-4	0.907	1.12		11195	
	plastics	brominated resin	-	0.907	1.12		11195	
	plastics	epoxy resin	-	5.216	6.44		64369	
	inorganic material	silicondioxide	60676-86-0	38.102	47.01	55.97	470177	559735
leadfinish	non noble metal	tin	7440-31-5	0.824	1.02	1.02	10168	10168
plating	noble metal	silver	7440-22-4	0.541	0.67	0.67	6681	6681
glue	plastics	epoxy resin	-	0.125	0.15		1547	
	noble metal	silver	7440-22-4	0.591	0.73	0.88	7293	8840
*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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