



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	BSO150N03MD G	<b>Issued</b>	24. June 2021
<b>MA#</b>	MA000468352		
<b>Package</b>	PG-DSO-8-40	<b>Weight*</b>	82.45 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	0.531	0.64	0.64	6437	6437
chip_2	inorganic material	silicon	7440-21-3	0.531	0.64	0.64	6437	6437
leadframe	inorganic material	phosphorus	7723-14-0	0.010	0.01		119	
	non noble metal	zinc	7440-66-6	0.039	0.05		476	
	non noble metal	iron	7439-89-6	0.785	0.95		9523	
	non noble metal	copper	7440-50-8	31.880	38.67	39.68	386656	396774
wire	non noble metal	copper	7440-50-8	0.262	0.32	0.32	3173	3173
encapsulation	organic material	carbon black	1333-86-4	0.235	0.28		2850	
	plastics	epoxy resin	-	7.284	8.83		88340	
	inorganic material	silicondioxide	60676-86-0	39.474	47.88	56.99	478748	569938
leadfinish	non noble metal	tin	7440-31-5	0.814	0.99	0.99	9870	9870
plating	noble metal	silver	7440-22-4	0.063	0.08	0.08	762	762
glue	plastics	epoxy resin	-	0.082	0.10		991	
	noble metal	silver	7440-22-4	0.463	0.56	0.66	5618	6609
*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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