



## Material Content Data Sheet



<b>Sales Product Name</b>		BTS50040-2SFA		<b>Issued</b>		31. July 2018		
<b>MA#</b>		MA002313908						
<b>Package</b>		PG-DSO-36-44		<b>Weight*</b>		629.51 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	10.206	1.62	1.62	16213	16213
chip_2	inorganic material	silicon	7440-21-3	3.024	0.48	0.48	4803	4803
leadframe	inorganic material	phosphorus	7723-14-0	0.059	0.01		94	
	non noble metal	zinc	7440-66-6	0.236	0.04		374	
	non noble metal	iron	7439-89-6	4.713	0.75		7487	
wire	non noble metal	copper	7440-50-8	191.374	30.40	31.20	304005	311960
	noble metal	gold	7440-57-5	0.492	0.08		782	
	non noble metal	aluminium	7429-90-5	3.307	0.53	0.61	5254	6036
encapsulation	organic material	carbon black	1333-86-4	0.810	0.13		1286	
	plastics	epoxy resin	-	57.881	9.19		91946	
	inorganic material	silicondioxide	60676-86-0	346.071	54.97	64.29	549746	642978
leadfinish	non noble metal	tin	7440-31-5	4.833	0.77	0.77	7678	7678
plating	noble metal	silver	7440-22-4	3.417	0.54	0.54	5428	5428
glue	plastics	epoxy resin	-	0.540	0.09		858	
	noble metal	silver	7440-22-4	2.547	0.40	0.49	4046	4904
*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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