



## Material Content Data Sheet



<b>Sales Product Name</b>		BTS40K2-1EJC		<b>Issued</b>		31. July 2018		
<b>MA#</b>		MA001372970						
<b>Package</b>		PG-DSO-8-43		<b>Weight*</b>		83.99 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	0.977	1.16	1.16	11629	11629
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		112	
	non noble metal	zinc	7440-66-6	0.038	0.04		448	
	non noble metal	iron	7439-89-6	0.752	0.90		8952	
wire	non noble metal	copper	7440-50-8	30.529	36.35	37.30	363494	373006
	non noble metal	copper	7440-50-8	0.193	0.23	0.23	2297	2297
	encapsulation	organic material	carbon black	1333-86-4	0.099	0.12		1179
plastics		epoxy resin	-	4.554	5.42		54219	
	inorganic material	silicondioxide	60676-86-0	44.844	53.41	58.95	533942	589340
leadfinish	non noble metal	tin	7440-31-5	0.814	0.97	0.97	9690	9690
plating	noble metal	silver	7440-22-4	0.726	0.86	0.86	8644	8644
glue	plastics	epoxy resin	-	0.079	0.09		944	
	noble metal	silver	7440-22-4	0.374	0.44	0.53	4450	5394
*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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