



## Material Content Data Sheet



<b>Sales Product Name</b>		BTS5200-4EKA		<b>Issued</b>		1. August 2018		
<b>MA#</b>		MA001278510						
<b>Package</b>		PG-DSO-14-48		<b>Weight*</b>		149.61 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	3.051	2.04	2.04	20393	20393
leadframe	inorganic material	phosphorus	7723-14-0	0.017	0.01		116	
	non noble metal	zinc	7440-66-6	0.070	0.05		465	
	non noble metal	iron	7439-89-6	1.392	0.93		9302	
wire	non noble metal	copper	7440-50-8	56.512	37.77	38.76	377717	387600
	non noble metal	copper	7440-50-8	0.757	0.51	0.51	5061	5061
	encapsulation	organic material	carbon black	1333-86-4	0.168	0.11		1126
plastics	plastics	epoxy resin	-	7.750	5.18		51799	
	inorganic material	silicondioxide	60676-86-0	76.320	51.01	56.30	510112	563037
leadfinish	non noble metal	tin	7440-31-5	1.226	0.82	0.82	8195	8195
plating	noble metal	silver	7440-22-4	1.417	0.95	0.95	9474	9474
glue	plastics	epoxy resin	-	0.163	0.11		1092	
	noble metal	silver	7440-22-4	0.770	0.51	0.62	5148	6240
*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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