



## Material Content Data Sheet



<b>Sales Product Name</b>		BTS5180-2EKA		<b>Issued</b>		13. January 2016		
<b>MA#</b>		MA001131304						
<b>Package</b>		PG-DSO-14-40		<b>Weight*</b>		149.15 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	2.130	1.43	1.43	14281	14281
leadframe	inorganic material	phosphorus	7723-14-0	0.017	0.01		117	
	non noble metal	zinc	7440-66-6	0.070	0.05		467	
	non noble metal	iron	7439-89-6	1.392	0.93		9332	
	non noble metal	copper	7440-50-8	56.512	37.89	38.88	378899	388815
wire	non noble metal	copper	7440-50-8	0.393	0.26	0.26	2634	2634
encapsulation	organic material	carbon black	1333-86-4	0.170	0.11		1143	
	plastics	epoxy resin	-	7.842	5.26		52580	
	inorganic material	silicondioxide	60676-86-0	77.229	51.78	57.15	517800	571523
leadfinish	non noble metal	tin	7440-31-5	1.241	0.83	0.83	8324	8324
plating	noble metal	silver	7440-22-4	1.417	0.95	0.95	9504	9504
glue	plastics	epoxy resin	-	0.128	0.09		861	
	noble metal	silver	7440-22-4	0.605	0.41	0.50	4058	4919
*deviation	< 10%				Sum in total:	100.00		1000000

### Important Remarks:

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