



## Material Content Data Sheet



<b>Sales Product Name</b>		BTT6050-2EKA		<b>Issued</b>		26. August 2018			
<b>MA#</b>		MA001854578							
<b>Package</b>		PG-DSO-14-40		<b>Weight*</b>		149.94 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	3.421	2.28	2.28	22817	22817	
leadframe	inorganic material	phosphorus	7723-14-0	0.017	0.01		116		
		non noble metal	zinc	7440-66-6	0.070	0.05		464	
		non noble metal	iron	7439-89-6	1.392	0.93		9282	
wire	non noble metal	non noble metal	copper	7440-50-8	56.512	37.69	38.68	376894	386756
		non noble metal	copper	7440-50-8	1.055	0.70	0.70	7039	7039
		encapsulation	organic material	carbon black	1333-86-4	0.168	0.11		1118
encapsulation	plastics	epoxy resin	-	7.708	5.14		51405		
		inorganic material	silicondioxide	60676-86-0	75.905	50.62	55.87	506232	558755
leadfinish	non noble metal	tin	7440-31-5	1.226	0.82	0.82	8178	8178	
plating	noble metal	silver	7440-22-4	1.417	0.95	0.95	9454	9454	
glue	plastics	epoxy resin	-	0.184	0.12		1225		
		noble metal	silver	7440-22-4	0.866	0.58	0.70	5776	7001
*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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