



## Material Content Data Sheet



<b>Sales Product Name</b>		BTT6050-2EKA		<b>Issued</b>		19. January 2018		
<b>MA#</b>		MA001585728						
<b>Package</b>		PG-DSO-14-47		<b>Weight*</b>		150.96 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	2.27	2.27	22662	22662
leadframe	inorganic material	phosphorus	7723-14-0	0.017	0.01		115	
	non noble metal	zinc	7440-66-6	0.069	0.05		458	
	non noble metal	iron	7439-89-6	1.383	0.92		9164	
wire	non noble metal	copper	7440-50-8	56.175	37.21	38.19	372109	381846
	non noble metal	copper	7440-50-8	1.055	0.70	0.70	6991	6991
	encapsulation	organic material	carbon black	1333-86-4	0.168	0.11		1111
encapsulation	plastics	epoxy resin	-	7.714	5.11		51100	
	inorganic material	silicondioxide	60676-86-0	75.968	50.32	55.54	503223	555434
leadfinish	non noble metal	tin	7440-31-5	2.472	1.64	1.64	16373	16373
plating	noble metal	silver	7440-22-4	1.470	0.97	0.97	9740	9740
glue	plastics	epoxy resin	-	0.184	0.12		1217	
	noble metal	silver	7440-22-4	0.866	0.57	0.69	5737	6954
*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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