



## Material Content Data Sheet



<b>Sales Product Name</b>		BTT6020-1EKA		<b>Issued</b>		27. September 2017		
<b>MA#</b>		MA001369084						
<b>Package</b>		PG-DSO-14-47		<b>Weight*</b>		150.66 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	3.172	2.11	2.11	21057	21057
leadframe	inorganic material	phosphorus	7723-14-0	0.017	0.01		115	
	non noble metal	zinc	7440-66-6	0.069	0.05		459	
	non noble metal	iron	7439-89-6	1.383	0.92		9183	
wire	non noble metal	copper	7440-50-8	56.175	37.29	38.27	372857	382614
	non noble metal	copper	7440-50-8	0.713	0.47	0.47	4731	4731
	encapsulation	organic material	carbon black	1333-86-4	0.168	0.11		1118
plastics		epoxy resin	-	7.746	5.14		51414	
	inorganic material	silicondioxide	60676-86-0	76.282	50.62	55.87	506317	558849
leadfinish	non noble metal	tin	7440-31-5	2.503	1.66	1.66	16611	16611
plating	noble metal	silver	7440-22-4	1.470	0.98	0.98	9759	9759
glue	plastics	epoxy resin	-	0.168	0.11		1116	
	noble metal	silver	7440-22-4	0.793	0.53	0.64	5263	6379
*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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