



## Material Content Data Sheet



<b>Sales Product Name</b>		BTT6010-1EKA		<b>Issued</b>		13. January 2016		
<b>MA#</b>		MA001369086						
<b>Package</b>		PG-DSO-14-47		<b>Weight*</b>		151.01 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	4.709	3.12	3.12	31186	31186
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		9162	
wire	non noble metal	copper	7440-50-8	56.175	37.20	38.18	372005	381740
	non noble metal	copper	7440-50-8	0.760	0.50	0.50	5034	5034
	organic material	carbon black	1333-86-4	0.165	0.11		1095	
encapsulation	plastics	epoxy resin	-	7.603	5.04		50352	
	inorganic material	silicondioxide	60676-86-0	74.878	49.58	54.73	495859	547306
leadfinish	non noble metal	tin	7440-31-5	2.472	1.64	1.64	16368	16368
plating	noble metal	silver	7440-22-4	1.470	0.97	0.97	9737	9737
glue	plastics	epoxy resin	-	0.228	0.15		1510	
	noble metal	silver	7440-22-4	1.075	0.71	0.86	7119	8629
*deviation	< 10%				Sum in total:	100.00		1000000

### Important Remarks:

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