



## Material Content Data Sheet



<b>Sales Product Name</b>		BTT6030-2EKA		<b>Issued</b>		7. October 2015		
<b>MA#</b>		MA001414030						
<b>Package</b>		PG-DSO-14-40		<b>Weight*</b>		150.50 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	4.414	2.93	2.93	29327	29327
leadframe	inorganic material	phosphorus	7723-14-0	0.017	0.01		116	
	non noble metal	zinc	7440-66-6	0.070	0.05		462	
	non noble metal	iron	7439-89-6	1.392	0.92		9247	
wire	non noble metal	copper	7440-50-8	56.512	37.55	38.53	375486	385311
	non noble metal	copper	7440-50-8	1.499	1.00	1.00	9961	9961
	encapsulation	organic material	carbon black	1333-86-4	0.165	0.11		1099
plastics	plastics	epoxy resin	-	7.609	5.06		50555	
	inorganic material	silicondioxide	60676-86-0	74.929	49.79	54.96	497858	549512
leadfinish	non noble metal	tin	7440-31-5	1.241	0.82	0.82	8249	8249
plating	noble metal	silver	7440-22-4	1.417	0.94	0.94	9418	9418
glue	plastics	epoxy resin	-	0.217	0.14		1439	
	noble metal	silver	7440-22-4	1.021	0.68	0.82	6783	8222
*deviation	< 10%				Sum in total:	100.00		1000000

### Important Remarks:

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