



## Material Content Data Sheet



Sales Product Name	BTT6050-2ERA			Issued		11. December 2019		
MA#	MA005407432							
Package	PG-TDSO-14-31			Weight*		111.58 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	3.07	3.07	30662	30662
leadframe	inorganic material	phosphorus	7723-14-0	0.015	0.01		133	
	non noble metal	zinc	7440-66-6	0.059	0.05		532	
	non noble metal	iron	7439-89-6	1.188	1.06		10647	
	non noble metal	copper	7440-50-8	48.235	43.26	44.38	432301	443613
wire	non noble metal	copper	7440-50-8	1.104	0.99	0.99	9892	9892
encapsulation	organic material	carbon black	1333-86-4	0.149	0.13		1339	
	plastics	epoxy resin	-	5.828	5.22		52237	
	inorganic material	silicondioxide	60676-86-0	43.838	39.29	44.64	392897	446473
leadfinish	non noble metal	tin	7440-31-5	2.346	2.10	2.10	21022	21022
plating	noble metal	silver	7440-22-4	1.364	1.22	1.22	12229	12229
glue	plastics	epoxy resin	-	0.184	0.16		1646	
	noble metal	silver	7440-22-4	0.866	0.78	0.94	7762	9408
heatspreader	inorganic material	phosphorus	7723-14-0	0.001	0.00		8	
	non noble metal	zinc	7440-66-6	0.004	0.00		32	
	non noble metal	iron	7439-89-6	0.072	0.06		641	
	non noble metal	copper	7440-50-8	2.903	2.60	2.66	26020	26701
*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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