



Material Content Data Sheet



Sales Product Name		BTT6050-2ERA		Issued		4. July 2019		
MA#		MA005341516						
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	
wire	non noble metal	copper	7440-50-8	48.235	43.26	44.38	432301	443613
	non noble metal	copper	7440-50-8	1.104	0.99	0.99	9892	9892
	organic material	carbon black	1333-86-4	0.149	0.13		1339	
encapsulation	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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3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

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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