



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	BTT6050-2ERA	<b>Issued</b>	26. June 2021
<b>MA#</b>	MA005574474		
<b>Package</b>	PG-TDSO-14-31	<b>Weight*</b>	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			8	
	non noble metal	zinc	7440-66-6	0.004			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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