



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	BTT6030-1ERA	<b>Issued</b>	27. April 2022
<b>MA#</b>	MA005715093		
<b>Package</b>	PG-TDSO-14-11	<b>Weight*</b>	110.71 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	2.468	2.23	2.23	22289	22289
leadframe	inorganic material	phosphorus	7723-14-0	0.015	0.01		133	
	non noble metal	zinc	7440-66-6	0.059	0.05		533	
	non noble metal	iron	7439-89-6	1.181	1.07		10667	
	non noble metal	copper	7440-50-8	47.949	43.33	44.46	433119	444452
wire	non noble metal	copper	7440-50-8	0.597	0.54	0.54	5388	5388
encapsulation	organic material	carbon black	1333-86-4	0.153	0.14		1381	
	plastics	epoxy resin	-	5.961	5.38		53849	
	inorganic material	silicondioxide	60676-86-0	44.838	40.50	46.02	405016	460246
leadfinish	non noble metal	tin	7440-31-5	2.346	2.12	2.12	21187	21187
plating	noble metal	silver	7440-22-4	1.355	1.22	1.22	12240	12240
glue	plastics	epoxy resin	-	0.141	0.13		1275	
	noble metal	silver	7440-22-4	0.666	0.60	0.73	6013	7288
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		646	
	non noble metal	copper	7440-50-8	2.903	2.62	2.68	26224	26910
*deviation	< 10%	Sum in total:				100.00		1000000

### Important Remarks:

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