



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	BTT6100-2ERA	<b>Issued</b>	11. August 2021
<b>MA#</b>	MA005407438		
<b>Package</b>	PG-TDSO-14-21	<b>Weight*</b>	110.78 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	1.998	1.80	1.80	18034	18034
leadframe	inorganic material	phosphorus	7723-14-0	0.015	0.01		134	
	non noble metal	zinc	7440-66-6	0.059	0.05		536	
	non noble metal	iron	7439-89-6	1.188	1.07		10723	
	non noble metal	copper	7440-50-8	48.235	43.57	44.70	435391	446784
wire	non noble metal	copper	7440-50-8	0.542	0.49	0.49	4889	4889
encapsulation	organic material	carbon black	1333-86-4	0.154	0.14		1391	
	plastics	epoxy resin	-	6.009	5.42		54238	
	inorganic material	silicondioxide	60676-86-0	45.194	40.79	46.35	407943	463572
leadfinish	non noble metal	tin	7440-31-5	2.346	2.12	2.12	21172	21172
plating	noble metal	silver	7440-22-4	1.364	1.23	1.23	12317	12317
glue	plastics	epoxy resin	-	0.123	0.11		1110	
	noble metal	silver	7440-22-4	0.580	0.52	0.63	5231	6341
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		645	
	non noble metal	copper	7440-50-8	2.903	2.62	2.68	26206	26891
*deviation	< 10%	Sum in total:				100.00		1000000

### Important Remarks:

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