



## Material Content Data Sheet



<b>Sales Product Name</b>		BTT6200-4ESA		<b>Issued</b>		16. July 2019		
<b>MA#</b>		MA005347833						
<b>Package</b>		PG-TSDSO-24-21		<b>Weight*</b>		111.73 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	2.840	2.54	2.54	25417	25417
leadframe	inorganic material	phosphorus	7723-14-0	0.016	0.01		142	
	non noble metal	zinc	7440-66-6	0.063	0.06		566	
	non noble metal	iron	7439-89-6	1.266	1.13		11328	
wire	non noble metal	copper	7440-50-8	51.392	46.01	47.21	459958	471994
	non noble metal	copper	7440-50-8	0.620	0.55	0.55	5549	5549
	organic material	carbon black	1333-86-4	0.152	0.14		1356	
encapsulation	plastics	epoxy resin	-	5.910	5.29		52891	
	inorganic material	silicondioxide	60676-86-0	44.448	39.78	45.21	397811	452058
leadfinish	non noble metal	tin	7440-31-5	2.820	2.52	2.52	25240	25240
plating	noble metal	silver	7440-22-4	1.279	1.14	1.14	11447	11447
glue	plastics	epoxy resin	-	0.162	0.15		1452	
	noble metal	silver	7440-22-4	0.765	0.68	0.83	6843	8295
*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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