



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	BTS71033-6ESA	<b>Issued</b>	18. August 2021
<b>MA#</b>	MA005405496		
<b>Package</b>	PG-TSDSO-24-42	<b>Weight*</b>	112.01 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	2.264	2.02	2.02	20216	20216
leadframe	inorganic material	phosphorus	7723-14-0	0.016	0.01		142	
	non noble metal	zinc	7440-66-6	0.064	0.06		568	
	non noble metal	iron	7439-89-6	1.274	1.14		11369	
	non noble metal	copper	7440-50-8	51.711	46.16	47.37	461648	473727
wire	non noble metal	copper	7440-50-8	0.749	0.67	0.67	6683	6683
encapsulation	organic material	carbon black	1333-86-4	0.153	0.14		1370	
	plastics	epoxy resin	-	5.986	5.34		53439	
	inorganic material	silicondioxide	60676-86-0	45.022	40.19	45.67	401938	456747
leadfinish	non noble metal	tin	7440-31-5	2.781	2.48	2.48	24829	24829
plating	noble metal	silver	7440-22-4	1.318	1.18	1.18	11763	11763
glue	plastics	epoxy resin	-	0.118	0.11		1056	
	noble metal	silver	7440-22-4	0.558	0.50	0.61	4979	6035
*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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