



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	BSS315P H6327	<b>Issued</b>	24. June 2021
<b>MA#</b>	MA001232388		
<b>Package</b>	PG-SOT23-3-5	<b>Weight*</b>	9.38 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	non noble metal	tin	7440-31-5	0.004	0.05		470	
	noble metal	gold	7440-57-5	0.017	0.18		1823	
	inorganic material	silicon	7440-21-3	0.194	2.07	2.30	20660	22953
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		64	
	non noble metal	titanium	7440-32-6	0.003	0.03		321	
	non noble metal	chromium	7440-47-3	0.009	0.10		963	
	non noble metal	copper	7440-50-8	3.000	31.98	32.12	319761	321109
wire	non noble metal	copper	7440-50-8	0.044	0.47	0.47	4699	4699
encapsulation	organic material	carbon black	1333-86-4	0.057	0.60		6050	
	plastics	epoxy resin	-	1.220	13.01		130071	
	inorganic material	silicondioxide	60676-86-0	4.399	46.88	60.49	468858	604979
leadfinish	non noble metal	tin	7440-31-5	0.150	1.59	1.59	15948	15948
plating	noble metal	silver	7440-22-4	0.284	3.03	3.03	30312	30312
*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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