



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	BSS126I	<b>Issued</b>	18. May 2021
<b>MA#</b>	MA005429826		
<b>Package</b>	PG-SOT23-3-5	<b>Weight*</b>	9.34 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	0.04		382	
	noble metal	gold	7440-57-5	0.014	0.15		1480	
	inorganic material	silicon	7440-21-3	0.157	1.68	1.87	16776	18638
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		65	
	non noble metal	titanium	7440-32-6	0.003	0.03		322	
	non noble metal	chromium	7440-47-3	0.009	0.10		967	
	non noble metal	copper	7440-50-8	3.000	32.11	32.25	321110	322464
wire	non noble metal	copper	7440-50-8	0.008	0.08	0.08	842	842
encapsulation	organic material	carbon black	1333-86-4	0.057	0.61		6116	
	plastics	epoxy resin	-	1.229	13.15		131495	
	inorganic material	silicondioxide	60676-86-0	4.429	47.40	61.16	473991	611602
leadfinish	non noble metal	tin	7440-31-5	0.150	1.60	1.60	16015	16015
plating	noble metal	silver	7440-22-4	0.284	3.04	3.04	30439	30439
*deviation	< 10%	Sum in total:				100.00		1000000

### Important Remarks:

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