



## Material Content Data Sheet



<b>Sales Product Name</b>		BSS223PW H6327		<b>Issued</b>		20. July 2018			
<b>MA#</b>		MA001625110							
<b>Package</b>		PG-SOT323-3-2		<b>Weight*</b>		6.16 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	0.001	0.02		202		
	noble metal	gold	7440-57-5	0.005	0.08		781		
	inorganic material	silicon	7440-21-3	0.055	0.89	0.99	8856	9839	
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		86		
	non noble metal	titanium	7440-32-6	0.003	0.04		432		
	non noble metal	chromium	7440-47-3	0.008	0.13		1295		
	non noble metal	copper	7440-50-8	2.647	42.99	43.17	429969	431782	
wire	non noble metal	copper	7440-50-8	0.005	0.08	0.08	803	803	
encapsulation	organic material	carbon black	1333-86-4	0.031	0.50		5008		
	plastics	epoxy resin	-	0.663	10.77		107666		
	inorganic material	silicondioxide	60676-86-0	2.389	38.81	50.08	388100	500774	
leadfinish	non noble metal	tin	7440-31-5	0.133	2.16	2.16	21554	21554	
plating	noble metal	silver	7440-22-4	0.217	3.52	3.52	35248	35248	
*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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