



## Material Content Data Sheet



<b>Sales Product Name</b>		BSS816NW H6327		<b>Issued</b>		25. September 2017		
<b>MA#</b>		MA001055680						
<b>Package</b>		PG-SOT323-3-2		<b>Weight*</b>		6.19 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	0.002	0.03		334	
	noble metal	gold	7440-57-5	0.008	0.13		1295	
	inorganic material	silicon	7440-21-3	0.122	1.98	2.14	19762	21391
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		86	
	non noble metal	titanium	7440-32-6	0.003	0.04		429	
	non noble metal	chromium	7440-47-3	0.008	0.13		1288	
	non noble metal	copper	7440-50-8	2.647	42.76	42.94	427669	429472
wire	non noble metal	copper	7440-50-8	0.026	0.42	0.42	4166	4166
encapsulation	organic material	carbon black	1333-86-4	0.030	0.49		4885	
	plastics	epoxy resin	-	0.650	10.50		105022	
	inorganic material	silicondioxide	60676-86-0	2.343	37.86	48.85	378567	488474
leadfinish	non noble metal	tin	7440-31-5	0.133	2.14	2.14	21438	21438
plating	noble metal	silver	7440-22-4	0.217	3.51	3.51	35059	35059
*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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