



## Material Content Data Sheet



<b>Sales Product Name</b>		BSS314PE H6327		<b>Issued</b>		25. January 2018		
<b>MA#</b>		MA001627128						
<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	0.003	0.03		336	
	noble metal	gold	7440-57-5	0.012	0.13		1304	
	inorganic material	silicon	7440-21-3	0.187	1.99	2.15	19897	21537
leadframe	non noble metal	chromium	7440-47-3	0.009	0.10		964	
	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	copper	7440-50-8	3.000	32.00	32.14	320019	321368
wire	non noble metal	copper	7440-50-8	0.043	0.46	0.46	4607	4607
encapsulation	organic material	carbon black	1333-86-4	0.057	0.61		6062	
	plastics	epoxy resin	-	1.222	13.03		130331	
	inorganic material	silicondioxide	60676-86-0	4.405	46.98	60.62	469798	606191
leadfinish	non noble metal	tin	7440-31-5	0.150	1.60	1.60	15961	15961
plating	noble metal	silver	7440-22-4	0.284	3.03	3.03	30336	30336
*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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