



## Material Content Data Sheet



<b>Sales Product Name</b>		BSS192P H6327		<b>Issued</b>		19. July 2018		
<b>MA#</b>		MA001048166						
<b>Package</b>		PG-SOT89-4-2		<b>Weight*</b>		50.59 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	noble metal	gold	7440-57-5	0.031	0.06		604	
	non noble metal	tin	7440-31-5	0.008	0.02		156	
	inorganic material	silicon	7440-21-3	0.346	0.68	0.76	6845	7605
leadframe	inorganic material	silicon	7440-21-3	0.004	0.01		85	
	non noble metal	titanium	7440-32-6	0.022	0.04		427	
	non noble metal	chromium	7440-47-3	0.065	0.13		1282	
	non noble metal	copper	7440-50-8	21.522	42.54	42.72	425408	427202
wire	non noble metal	copper	7440-50-8	0.013	0.03	0.03	256	256
encapsulation	organic material	carbon black	1333-86-4	0.274	0.54		5421	
	plastics	epoxy resin	-	4.114	8.13		81318	
	inorganic material	silicondioxide	60676-86-0	23.038	45.54	54.21	455380	542119
leadfinish	non noble metal	tin	7440-31-5	0.801	1.58	1.58	15838	15838
plating	noble metal	silver	7440-22-4	0.353	0.70	0.70	6980	6980
*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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