



## Material Content Data Sheet



<b>Sales Product Name</b>		BFR 181W H6327		<b>Issued</b>		20. July 2018		
<b>MA#</b>		MA001610910						
<b>Package</b>		PG-SOT323-3-1		<b>Weight*</b>		5.96 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	0.000	0.01		78	
	noble metal	gold	7440-57-5	0.002	0.03		303	
	inorganic material	silicon	7440-21-3	0.016	0.26	0.30	2615	2996
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		88	
	non noble metal	titanium	7440-32-6	0.003	0.04		441	
	non noble metal	chromium	7440-47-3	0.008	0.13		1324	
	non noble metal	copper	7440-50-8	2.617	43.95	44.13	439484	441337
wire	noble metal	gold	7440-57-5	0.007	0.12	0.12	1219	1219
encapsulation	organic material	carbon black	1333-86-4	0.032	0.53		5305	
	plastics	epoxy resin	-	0.679	11.41		114054	
	inorganic material	silicondioxide	60676-86-0	2.448	41.11	53.05	411123	530482
leadfinish	non noble metal	tin	7440-31-5	0.133	2.23	2.23	22285	22285
plating	noble metal	silver	7440-22-4	0.010	0.17	0.17	1681	1681
*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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