



## Material Content Data Sheet



<b>Sales Product Name</b>		BFP 420 H6327		<b>Issued</b>		20. July 2018		
<b>MA#</b>		MA000808482						
<b>Package</b>		PG-SOT343-4-2		<b>Weight*</b>		6.93 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	0.002	0.03		281	
	non noble metal	tin	7440-31-5	0.001	0.01		72	
	inorganic material	silicon	7440-21-3	0.014	0.21	0.25	2082	2435
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		100	
	non noble metal	titanium	7440-32-6	0.003	0.05		498	
	non noble metal	chromium	7440-47-3	0.010	0.15		1493	
	non noble metal	copper	7440-50-8	3.433	49.57	49.78	495708	497799
wire	noble metal	gold	7440-57-5	0.010	0.14	0.14	1432	1432
encapsulation	organic material	carbon black	1333-86-4	0.030	0.44		4383	
	plastics	epoxy resin	-	0.653	9.42		94243	
	inorganic material	silicondioxide	60676-86-0	2.353	33.97	43.83	339714	438340
leadfinish	non noble metal	tin	7440-31-5	0.199	2.88	2.88	28767	28767
plating	noble metal	silver	7440-22-4	0.216	3.12	3.12	31227	31227
*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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