



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	BFP 420 H6327	<b>Issued</b>	05. May 2021
<b>MA#</b>	MA001231228		
<b>Package</b>	PG-SOT343-4-2	<b>Weight*</b>	6.99 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	0.001	0.01		72	
	noble metal	gold	7440-57-5	0.002	0.03		278	
	inorganic material	silicon	7440-21-3	0.017	0.24	0.28	2401	2751
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		99	
	non noble metal	titanium	7440-32-6	0.003	0.05		493	
	non noble metal	chromium	7440-47-3	0.010	0.15		1479	
	non noble metal	copper	7440-50-8	3.433	49.09	49.30	490927	492998
wire	noble metal	gold	7440-57-5	0.084	1.20	1.20	12032	12032
encapsulation	organic material	carbon black	1333-86-4	0.030	0.43		4328	
	plastics	epoxy resin	-	0.651	9.31		93053	
	inorganic material	silicondioxide	60676-86-0	2.346	33.54	43.28	335424	432805
leadfinish	non noble metal	tin	7440-31-5	0.199	2.85	2.85	28489	28489
plating	noble metal	silver	7440-22-4	0.216	3.09	3.09	30925	30925
*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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