



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	BFP 420F H6327	<b>Issued</b>	17. February 2022
<b>MA#</b>	MA001245252		
<b>Package</b>	PG-TSFP-4-1	<b>Weight*</b>	1.87 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	0.03		269	
	noble metal	gold	7440-57-5	0.002	0.10		1042	
	inorganic material	silicon	7440-21-3	0.017	0.90	1.03	8988	10299
leadframe	inorganic material	silicon	7440-21-3	0.000	0.01		79	
	non noble metal	titanium	7440-32-6	0.001	0.04		395	
	non noble metal	chromium	7440-47-3	0.002	0.12		1184	
	non noble metal	copper	7440-50-8	0.734	39.31	39.48	393099	394757
wire	noble metal	gold	7440-57-5	0.006	0.34	0.34	3432	3432
encapsulation	organic material	carbon black	1333-86-4	0.010	0.52		5171	
	plastics	epoxy resin	-	0.208	11.12		111178	
	inorganic material	silicondioxide	60676-86-0	0.749	40.07	51.71	400758	517107
leadfinish	non noble metal	tin	7440-31-5	0.049	2.62	2.62	26205	26205
plating	noble metal	silver	7440-22-4	0.090	4.82	4.82	48200	48200
*deviation	< 10%				Sum in total:	100.00		1000000

### Important Remarks:

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