



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	BFP 196W H6327	<b>Issued</b>	19. May 2021
<b>MA#</b>	MA001617878		
<b>Package</b>	PG-SOT343-4-1	<b>Weight*</b>	6.74 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		111	
	noble metal	gold	7440-57-5	0.003	0.04		432	
	inorganic material	silicon	7440-21-3	0.025	0.37	0.42	3724	4267
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		100	
	non noble metal	titanium	7440-32-6	0.003	0.05		499	
	non noble metal	chromium	7440-47-3	0.010	0.15		1496	
	non noble metal	copper	7440-50-8	3.347	49.67	49.88	496716	498811
wire	noble metal	gold	7440-57-5	0.013	0.20	0.20	1965	1965
encapsulation	organic material	carbon black	1333-86-4	0.031	0.46		4559	
	plastics	epoxy resin	-	0.661	9.80		98021	
	inorganic material	silicondioxide	60676-86-0	2.381	35.33	45.59	353333	455913
leadfinish	non noble metal	tin	7440-31-5	0.199	2.96	2.96	29565	29565
plating	noble metal	silver	7440-22-4	0.064	0.95	0.95	9479	9479
*deviation	< 10%	Sum in total:				100.00		1000000

### Important Remarks:

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