



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	BFP 640FESD H6327	<b>Issued</b>	06. May 2021
<b>MA#</b>	MA001351780		
<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	0.04		375	
	noble metal	gold	7440-57-5	0.003	0.15		1456	
	inorganic material	silicon	7440-21-3	0.024	1.28	1.47	12818	14649
leadframe	inorganic material	silicon	7440-21-3	0.000	0.01		79	
	non noble metal	titanium	7440-32-6	0.001	0.04		394	
	non noble metal	chromium	7440-47-3	0.002	0.12		1182	
	non noble metal	copper	7440-50-8	0.734	39.22	39.39	392208	393863
wire	noble metal	gold	7440-57-5	0.009	0.46	0.46	4595	4595
encapsulation	organic material	carbon black	1333-86-4	0.010	0.51		5127	
	plastics	epoxy resin	-	0.206	11.02		110221	
	inorganic material	silicondioxide	60676-86-0	0.744	39.73	51.26	397309	512657
leadfinish	non noble metal	tin	7440-31-5	0.049	2.61	2.61	26145	26145
plating	noble metal	silver	7440-22-4	0.090	4.81	4.81	48091	48091
*deviation	< 10%				Sum in total:	100.00		1000000

### Important Remarks:

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