



## Material Content Data Sheet



Halogen-Free

**Sales Product Name** BFP 650 H6327

**Issued**

06. May 2021

**MA#** MA001351764

**Package** PG-SOT343-4-2

**Weight\***

6.93 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		101	
	noble metal	gold	7440-57-5	0.003	0.04		393	
	inorganic material	silicon	7440-21-3	0.024	0.35	0.40	3465	3959
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	49.55	49.76	495552	497643
wire	noble metal	gold	7440-57-5	0.009	0.13	0.13	1344	1344
encapsulation	organic material	carbon black	1333-86-4	0.030	0.44		4371	
	plastics	epoxy resin	-	0.651	9.40		93972	
	inorganic material	silicondioxide	60676-86-0	2.347	33.87	43.71	338736	437079
leadfinish	non noble metal	tin	7440-31-5	0.199	2.88	2.88	28758	28758
plating	noble metal	silver	7440-22-4	0.216	3.12	3.12	31217	31217
*deviation	< 10%	Sum in total:				100.00		1000000

### Important Remarks:

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