



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	BDP 949 H6327	<b>Issued</b>	18. August 2021
<b>MA#</b>	MA001201620		
<b>Package</b>	PG-SOT223-4-24	<b>Weight*</b>	107.31 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	0.011	0.01		103	
	noble metal	gold	7440-57-5	0.043	0.04		399	
	inorganic material	silicon	7440-21-3	0.522	0.49	0.54	4864	5366
leadframe	inorganic material	silicon	7440-21-3	0.009	0.01		79	
	non noble metal	titanium	7440-32-6	0.043	0.04		397	
	non noble metal	chromium	7440-47-3	0.128	0.12		1192	
	non noble metal	copper	7440-50-8	42.459	39.57	39.74	395661	397329
wire	non noble metal	copper	7440-50-8	0.123	0.11	0.11	1148	1148
encapsulation	organic material	carbon black	1333-86-4	0.620	0.58		5779	
	plastics	epoxy resin	-	9.302	8.67		86686	
	inorganic material	silicondioxide	60676-86-0	52.093	48.54	57.79	485440	577905
leadfinish	non noble metal	tin	7440-31-5	1.464	1.36	1.36	13642	13642
plating	noble metal	silver	7440-22-4	0.495	0.46	0.46	4610	4610
*deviation	< 10%	Sum in total:				100.00		1000000

### Important Remarks:

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