



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	BAS 70-05W H6327	<b>Issued</b>	01. May 2021
<b>MA#</b>	MA000845504		
<b>Package</b>	PG-SOT323-3-1	<b>Weight*</b>	5.96 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	non noble metal	arsenic	7440-38-2	0.000			5	
	noble metal	gold	7440-57-5	0.003	0.05		502	
	inorganic material	silicon	7440-21-3	0.026	0.43	0.48	4289	4796
chip_2	non noble metal	arsenic	7440-38-2	0.000			5	
	noble metal	gold	7440-57-5	0.003	0.05		502	
	inorganic material	silicon	7440-21-3	0.026	0.43	0.48	4289	4796
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		88	
	non noble metal	titanium	7440-32-6	0.003	0.04		441	
	non noble metal	chromium	7440-47-3	0.008	0.13		1322	
	non noble metal	copper	7440-50-8	2.617	43.89	44.07	438932	440783
wire	non noble metal	copper	7440-50-8	0.005	0.08	0.08	796	796
encapsulation	organic material	carbon black	1333-86-4	0.031	0.52		5249	
	plastics	epoxy resin	-	0.673	11.29		112852	
	inorganic material	silicondioxide	60676-86-0	2.425	40.68	52.49	406792	524893
leadfinish	non noble metal	tin	7440-31-5	0.133	2.23	2.23	22257	22257
plating	noble metal	silver	7440-22-4	0.010	0.17	0.17	1679	1679
*deviation	< 10%	Sum in total:				100.00		1000000

### Important Remarks:

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This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption.

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