



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	BAV 70S H6327	<b>Issued</b>	01. May 2021
<b>MA#</b>	MA000851414		
<b>Package</b>	PG-SOT363-6-1	<b>Weight*</b>	6.28 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	non noble metal	arsenic	7440-38-2	0.000			13	
	noble metal	gold	7440-57-5	0.008	0.12		1247	
	inorganic material	silicon	7440-21-3	0.067	1.07	1.19	10652	11912
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		92	
	non noble metal	titanium	7440-32-6	0.003	0.05		459	
	non noble metal	chromium	7440-47-3	0.009	0.14		1377	
	non noble metal	copper	7440-50-8	2.869	45.69	45.89	457029	458957
wire	non noble metal	copper	7440-50-8	0.010	0.17	0.17	1672	1672
encapsulation	organic material	carbon black	1333-86-4	0.030	0.48		4845	
	plastics	epoxy resin	-	0.654	10.42		104176	
	inorganic material	silicondioxide	60676-86-0	2.357	37.55	48.45	375519	484540
leadfinish	non noble metal	tin	7440-31-5	0.213	3.40	3.40	33965	33965
plating	noble metal	silver	7440-22-4	0.056	0.90	0.90	8954	8954
*deviation	< 10%	Sum in total:				100.00		1000000

### Important Remarks:

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