



## Material Content Data Sheet



<b>Sales Product Name</b>	BAV 170 E6327	<b>Issued</b>	28. April 2021
<b>MA#</b>	MA000484672		
<b>Package</b>	PG-SOT23-3-11	<b>Weight*</b>	8.81 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			3	
	noble metal	gold	7440-57-5	0.003	0.03		340	
	inorganic material	silicon	7440-21-3	0.026	0.29	0.32	2905	3248
chip_2	non noble metal	arsenic	7440-38-2	0.000			3	
	noble metal	gold	7440-57-5	0.003	0.03		340	
	inorganic material	silicon	7440-21-3	0.026	0.29	0.32	2905	3248
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		62	
	non noble metal	titanium	7440-32-6	0.003	0.03		308	
	non noble metal	chromium	7440-47-3	0.008	0.09		925	
	non noble metal	copper	7440-50-8	2.704	30.71	30.84	307127	308422
wire	noble metal	gold	7440-57-5	0.012	0.13	0.13	1344	1344
encapsulation	organic material	carbon black	1333-86-4	0.058	0.66		6556	
	plastics	brominated resin	-	0.087	0.98		9834	
	inorganic material	antimonytrioxide	1309-64-4	0.115	1.31		13112	
	plastics	epoxy resin	-	1.241	14.10		140955	
	inorganic material	silicondioxide	60676-86-0	4.272	48.53	65.58	485147	655604
leadfinish	non noble metal	tin	7440-31-5	0.150	1.70	1.70	16995	16995
plating	noble metal	silver	7440-22-4	0.098	1.11	1.11	11139	11139
*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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