



## Material Content Data Sheet



<b>Sales Product Name</b>	SMBD 7000 E6327	<b>Issued</b>	01. May 2021
<b>MA#</b>	MA000521948		
<b>Package</b>	PG-SOT23-3-16	<b>Weight*</b>	8.82 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			2	
	noble metal	gold	7440-57-5	0.002	0.02		229	
	inorganic material	silicon	7440-21-3	0.017	0.20	0.22	1956	2187
chip_2	non noble metal	arsenic	7440-38-2	0.000			2	
	noble metal	gold	7440-57-5	0.002	0.02		229	
	inorganic material	silicon	7440-21-3	0.017	0.20	0.22	1956	2187
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		62	
	non noble metal	titanium	7440-32-6	0.003	0.03		311	
	non noble metal	chromium	7440-47-3	0.008	0.09		932	
	non noble metal	copper	7440-50-8	2.731	30.95	31.08	309513	310818
wire	noble metal	gold	7440-57-5	0.013	0.14	0.14	1429	1429
encapsulation	organic material	carbon black	1333-86-4	0.058	0.66		6551	
	plastics	brominated resin	-	0.087	0.98		9827	
	inorganic material	antimonytrioxide	1309-64-4	0.116	1.31		13103	
	plastics	epoxy resin	-	1.243	14.09		140852	
	inorganic material	silicondioxide	60676-86-0	4.277	48.47	65.51	484793	655126
leadfinish	non noble metal	tin	7440-31-5	0.150	1.70	1.70	16961	16961
plating	noble metal	silver	7440-22-4	0.100	1.13	1.13	11292	11292
*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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