



## Material Content Data Sheet



<b>Sales Product Name</b>		SMBT 2907A E6327		<b>Issued</b>		29. August 2013		
<b>MA#</b>		MA000446360						
<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	noble metal	gold	7440-57-5	0.007	0.08		802	
	non noble metal	arsenic	7440-38-2	0.000	0.00		8	
	inorganic material	silicon	7440-21-3	0.060	0.68	0.76	6846	7655
leadframe	non noble metal	chromium	7440-47-3	0.008	0.09		925	
	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	copper	7440-50-8	2.704	30.69	30.82	306929	308223
wire	noble metal	gold	7440-57-5	0.015	0.17	0.17	1690	1691
encapsulation	organic material	carbon black	1333-86-4	0.058	0.65		6543	
	plastics	brominated resin	-	0.086	0.98		9815	
	inorganic material	antimonytrioxide	1309-64-4	0.115	1.31		13086	
	plastics	epoxy resin	-	1.239	14.07		140678	
	inorganic material	silicondioxide	60676-86-0	4.266	48.43	65.44	484192	654316
leadfinish	non noble metal	tin	7440-31-5	0.150	1.70	1.70	16984	16984
plating	noble metal	silver	7440-22-4	0.098	1.11	1.11	11132	11132
*deviation	< 10%					Sum in total:	100,00	1000000

### Important Remarks:

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