



## Material Content Data Sheet



<b>Sales Product Name</b>		BC 849C E6327		<b>Issued</b>		29. August 2013		
<b>MA#</b>		MA000446336						
<b>Package</b>		PG-SOT23-3-12		<b>Weight*</b>		8.98 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	0.003	0.03		327	
	non noble metal	arsenic	7440-38-2	0.000	0.00		3	
	inorganic material	silicon	7440-21-3	0.025	0.28	0.31	2790	3120
leadframe	non noble metal	chromium	7440-47-3	0.009	0.10		992	
	inorganic material	silicon	7440-21-3	0.001	0.01		66	
	non noble metal	titanium	7440-32-6	0.003	0.03		331	
	non noble metal	copper	7440-50-8	2.956	32.91	33.05	329139	330528
wire	noble metal	gold	7440-57-5	0.019	0.21	0.21	2112	2112
encapsulation	organic material	carbon black	1333-86-4	0.057	0.64		6398	
	plastics	brominated resin	-	0.086	0.96		9597	
	inorganic material	antimonytrioxide	1309-64-4	0.115	1.28		12797	
	plastics	epoxy resin	-	1.235	13.76		137564	
	inorganic material	silicondioxide	60676-86-0	4.252	47.35	63.99	473476	639832
leadfinish	non noble metal	tin	7440-31-5	0.150	1.67	1.67	16664	16664
plating	noble metal	silver	7440-22-4	0.070	0.77	0.77	7744	7744
*deviation	< 10%		Sum in total:			100,00		1000000

### Important Remarks:

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