



## Material Content Data Sheet



<b>Sales Product Name</b>		BF 2040 E6814		<b>Issued</b>		29. August 2013		
<b>MA#</b>		MA000770562						
<b>Package</b>		PG-SOT143-4-1		<b>Weight*</b>		11.07 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		299	
	non noble metal	tin	7440-31-5	0.001	0.01		77	
	inorganic material	silicon	7440-21-3	0.025	0.22	0.26	2217	2593
leadframe	non noble metal	nickel	7440-02-0	1.673	15.11		151130	
	non noble metal	iron	7439-89-6	2.310	20.87	35.98	208703	359833
wire	noble metal	gold	7440-57-5	0.019	0.17	0.17	1747	1747
encapsulation	organic material	carbon black	1333-86-4	0.104	0.94		9422	
	inorganic material	antimonytrioxide	1309-64-4	0.156	1.41		14132	
	plastics	brominated resin	-	0.196	1.77		17666	
	plastics	epoxy resin	-	1.629	14.72		147213	
	inorganic material	silicondioxide	60676-86-0	4.432	40.05	58.89	400418	588851
leadfinish	non noble metal	tin	7440-31-5	0.217	1.96	1.96	19571	19571
plating	noble metal	silver	7440-22-4	0.303	2.74	2.74	27405	27405
*deviation	< 10%		Sum in total:			100,00		1000000

### Important Remarks:

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