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## Material Content Data Sheet



<b>Sales Product Name</b>		BAT 165 E6327		<b>Issued</b>		25. September 2017			
<b>MA#</b>		MA000962014							
<b>Package</b>		PG-SOD323-2-1		<b>Weight*</b>		4.50 mg			
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]	
chip	non noble metal	arsenic	7440-38-2	0.000	0.00		17		
	noble metal	gold	7440-57-5	0.008	0.17		1698		
	inorganic material	silicon	7440-21-3	0.065	1.45	1.62	14503	16218	
leadframe	non noble metal	chromium	7440-47-3	0.004	0.09		929		
	inorganic material	silicon	7440-21-3	0.000	0.01		62		
	non noble metal	titanium	7440-32-6	0.001	0.03		310		
	non noble metal	copper	7440-50-8	1.387	30.84	30.97	308369	309670	
wire	noble metal	gold	7440-57-5	0.039	0.88	0.88	8770	8770	
	encapsulation	inorganic material	antimonytrioxide	0.032	0.70		7034		
	organic material	carbon black	1333-86-4	0.032	0.70		7034		
	plastics	brominated resin	-	0.078	1.73		17264		
	plastics	epoxy resin	-	0.722	16.05		160489		
	inorganic material	silicondioxide	60676-86-0	2.013	44.76	63.94	447579	639400	
leadfinish	non noble metal	tin	7440-31-5	0.076	1.69	1.69	16928	16928	
plating	noble metal	silver	7440-22-4	0.041	0.90	0.90	9014	9014	
*deviation	< 10%				Sum in total:		100.00		1000000

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