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## Material Content Data Sheet



<b>Sales Product Name</b>		BFR 106 E6327		<b>Issued</b>		2. August 2018		
<b>MA#</b>		MA000538708						
<b>Package</b>		PG-SOT23-3-11		<b>Weight*</b>		8.79 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	0.04		369	
	inorganic material	silicon	7440-21-3	0.017	0.19	0.23	1918	2287
leadframe	non noble metal	chromium	7440-47-3	0.008	0.09		926	
	inorganic material	silicon	7440-21-3	0.001	0.01		62	
	non noble metal	titanium	7440-32-6	0.003	0.03		309	
	non noble metal	copper	7440-50-8	2.704	30.75	30.88	307509	308806
wire	noble metal	gold	7440-57-5	0.008	0.10	0.10	956	956
encapsulation	organic material	carbon black	1333-86-4	0.058	0.66		6596	
	plastics	brominated resin	-	0.087	0.99		9894	
	inorganic material	antimonytrioxide	1309-64-4	0.116	1.32		13191	
	plastics	epoxy resin	-	1.247	14.18		141807	
	inorganic material	silicondioxide	60676-86-0	4.292	48.80	65.95	488081	659569
leadfinish	non noble metal	tin	7440-31-5	0.152	1.72	1.72	17229	17229
plating	noble metal	silver	7440-22-4	0.098	1.12	1.12	11153	11153
*deviation	< 10%		Sum in total:			100.00		1000000

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