



## Material Content Data Sheet



<b>Sales Product Name</b>		BCX 68-16 E6327		<b>Issued</b>		21. October 2018		
<b>MA#</b>		MA000782982						
<b>Package</b>		PG-SOT89-4-2		<b>Weight*</b>		49.80 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	non noble metal	tin	7440-31-5	0.007	0.01		138	
	noble metal	gold	7440-57-5	0.027	0.05		537	
	inorganic material	silicon	7440-21-3	0.326	0.66	0.72	6550	7225
leadframe	inorganic material	silicon	7440-21-3	0.004	0.01		87	
	non noble metal	titanium	7440-32-6	0.022	0.04		434	
	non noble metal	chromium	7440-47-3	0.065	0.13		1302	
	non noble metal	copper	7440-50-8	21.522	43.22	43.40	432153	433976
wire	noble metal	gold	7440-57-5	0.080	0.16	0.16	1612	1612
encapsulation	organic material	carbon black	1333-86-4	0.213	0.43		4272	
	plastics	brominated resin	-	0.266	0.53		5340	
	inorganic material	antimonytrioxide	1309-64-4	0.532	1.07		10680	
	plastics	epoxy resin	-	4.840	9.72		97189	
	inorganic material	silicondioxide	60676-86-0	20.744	41.65	53.40	416525	534006
leadfinish	non noble metal	tin	7440-31-5	0.801	1.61	1.61	16090	16090
plating	noble metal	silver	7440-22-4	0.353	0.71	0.71	7091	7091
*deviation	< 10%					Sum in total:	100.00	1000000

### Important Remarks:

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3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption

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