



## Material Content Data Sheet



<b>Sales Product Name</b>		BCX 55-16 H6327		<b>Issued</b>		19. July 2018		
<b>MA#</b>		MA001211898						
<b>Package</b>		PG-SOT89-4-3		<b>Weight*</b>		53.16 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	0.021	0.04		399	
	non noble metal	tin	7440-31-5	0.005	0.01		103	
	inorganic material	silicon	7440-21-3	0.129	0.24	0.29	2435	2937
leadframe	inorganic material	silicon	7440-21-3	0.005	0.01		95	
	non noble metal	titanium	7440-32-6	0.025	0.05		474	
	non noble metal	chromium	7440-47-3	0.076	0.14		1423	
	non noble metal	copper	7440-50-8	25.112	47.23	47.43	472373	474365
wire	non noble metal	copper	7440-50-8	0.051	0.10	0.10	953	953
encapsulation	organic material	carbon black	1333-86-4	0.269	0.51		5053	
	plastics	epoxy resin	-	4.029	7.58		75793	
	inorganic material	silicondioxide	60676-86-0	22.564	42.44	50.53	424443	505289
leadfinish	non noble metal	tin	7440-31-5	0.801	1.51	1.51	15073	15073
plating	noble metal	silver	7440-22-4	0.073	0.14	0.14	1383	1383
*deviation	< 10%		Sum in total:			100.00		1000000

### Important Remarks:

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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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