



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	BCX 68-16 H6327	<b>Issued</b>	27. March 2021
<b>MA#</b>	MA001219990		
<b>Package</b>	PG-SOT89-4-3	<b>Weight*</b>	53.20 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		130	
	noble metal	gold	7440-57-5	0.027	0.05		502	
	inorganic material	silicon	7440-21-3	0.326	0.61	0.67	6132	6764
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		1422	
	non noble metal	copper	7440-50-8	25.112	47.20	47.40	472050	474041
wire	non noble metal	copper	7440-50-8	0.048	0.09	0.09	905	905
encapsulation	organic material	carbon black	1333-86-4	0.267	0.50		5018	
	plastics	epoxy resin	-	4.004	7.53		75277	
	inorganic material	silicondioxide	60676-86-0	22.425	42.16	50.19	421550	501845
leadfinish	non noble metal	tin	7440-31-5	0.801	1.51	1.51	15063	15063
plating	noble metal	silver	7440-22-4	0.073	0.14	0.14	1382	1382
*deviation	< 10%				Sum in total:	100.00		1000000

### Important Remarks:

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