



Material Content Data Sheet



Sales Product Name				BCV 61C E6327		Issued		31. July 2018	
MA#				MA000768418					
Package				PG-SOT143-4-1		Weight*		11.08 mg	
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]	
chip_1	non noble metal	arsenic	7440-38-2	0.000	0.00		3		
	noble metal	gold	7440-57-5	0.003	0.03		265		
	inorganic material	silicon	7440-21-3	0.025	0.23	0.26	2262	2530	
chip_2	non noble metal	arsenic	7440-38-2	0.000	0.00		3		
	noble metal	gold	7440-57-5	0.003	0.03		265		
	inorganic material	silicon	7440-21-3	0.025	0.23	0.26	2262	2530	
leadframe	non noble metal	nickel	7440-02-0	1.673	15.10		151027		
	non noble metal	iron	7439-89-6	2.310	20.86	35.96	208561	359588	
wire	noble metal	gold	7440-57-5	0.020	0.18	0.18	1764	1764	
encapsulation	organic material	carbon black	1333-86-4	0.104	0.94		9386		
	inorganic material	antimonytrioxide	1309-64-4	0.156	1.41		14079		
	plastics	brominated resin	-	0.195	1.76		17599		
	plastics	epoxy resin	-	1.624	14.67		146662		
	inorganic material	silicondioxide	60676-86-0	4.418	39.86	58.64	398919	586645	
leadfinish	non noble metal	tin	7440-31-5	0.217	1.96	1.96	19557	19557	
plating	noble metal	silver	7440-22-4	0.303	2.74	2.74	27386	27386	
*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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