

Material Content Data Sheet

RoHS

Sales Product Name	BCV 46 E6327	**Issued**	28. April 2021
MA#	MA000046991		
Package	PG-SOT23-3-3	**Weight***	8.70 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	non noble metal	arsenic	7440-38-2	0.000			19	
	noble metal	gold	7440-57-5	0.016	0.18		1844	
	inorganic material	silicon	7440-21-3	0.137	1.57	1.75	15747	17610
leadframe	non noble metal	nickel	7440-02-0	1.142	13.13		131307	
	non noble metal	iron	7439-89-6	1.578	18.13	31.26	181328	312635
wire	noble metal	gold	7440-57-5	0.016	0.18	0.18	1813	1813
encapsulation	organic material	carbon black	1333-86-4	0.089	1.02		10215	
	inorganic material	antimonytrioxide	1309-64-4	0.133	1.53		15323	
	plastics	brominated resin	-	0.167	1.92		19153	
	plastics	epoxy resin	-	1.389	15.96		159613	
	inorganic material	silicondioxide	60676-86-0	3.777	43.43	63.86	434148	638452
leadfinish	non noble metal	tin	7440-31-5	0.150	1.72	1.72	17200	17200
plating	noble metal	silver	7440-22-4	0.107	1.23	1.23	12290	12290
*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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